

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

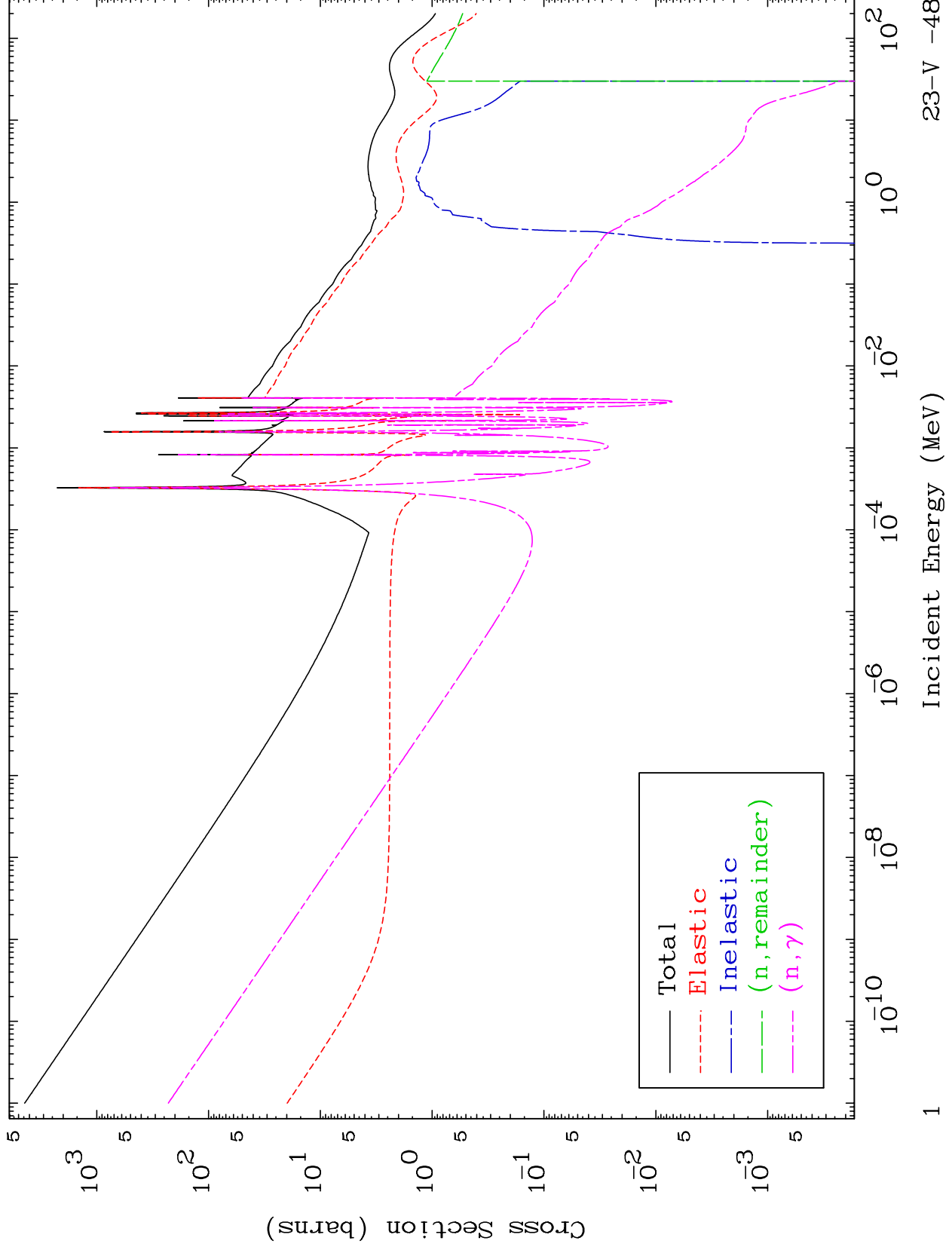
Press Mouse Button to Start

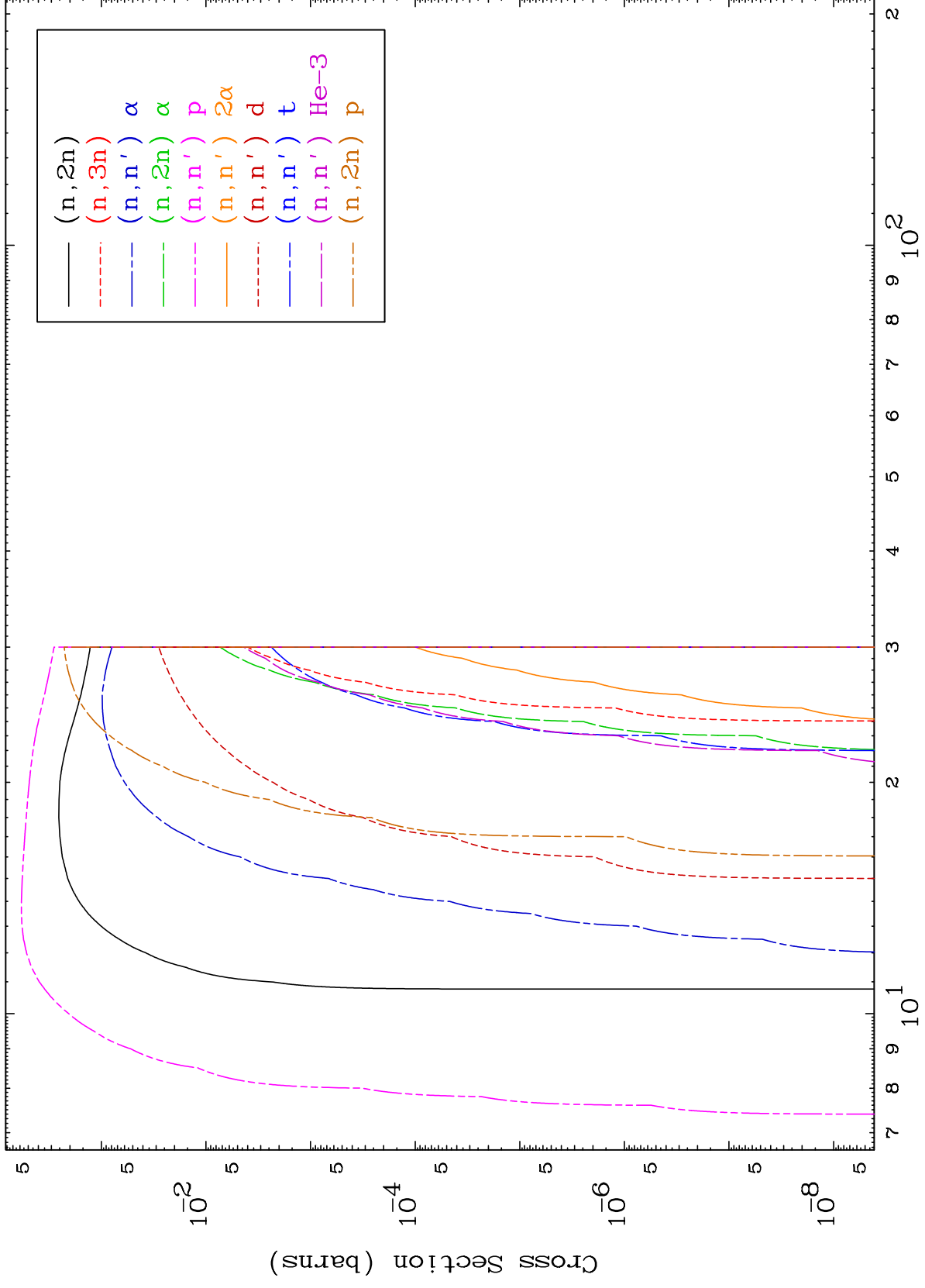
MAT 2319

Major

293 Kelvin Cross Sections

23-V -48

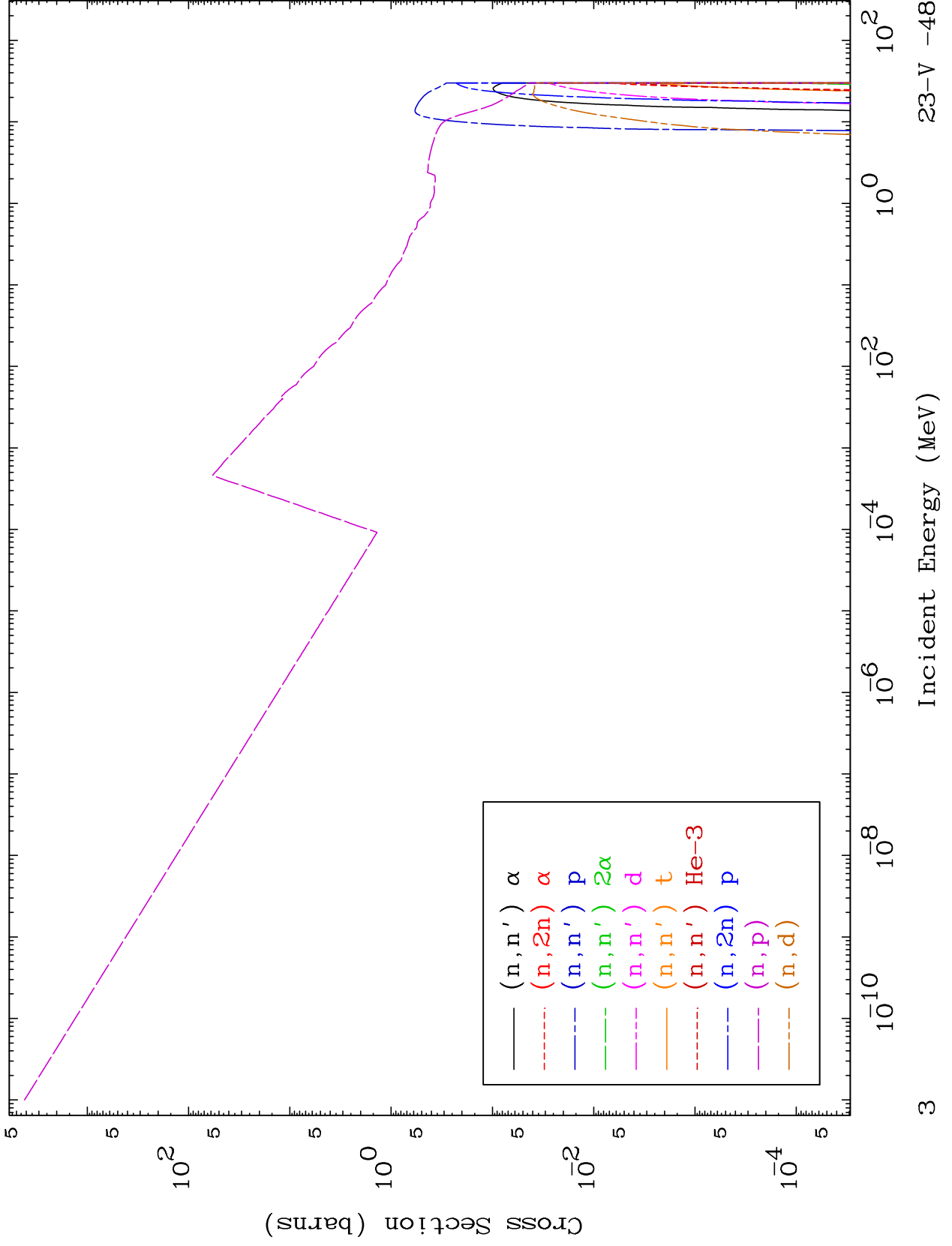




MAT 2319

Charged Particle  
293 Kelvin Cross Sections

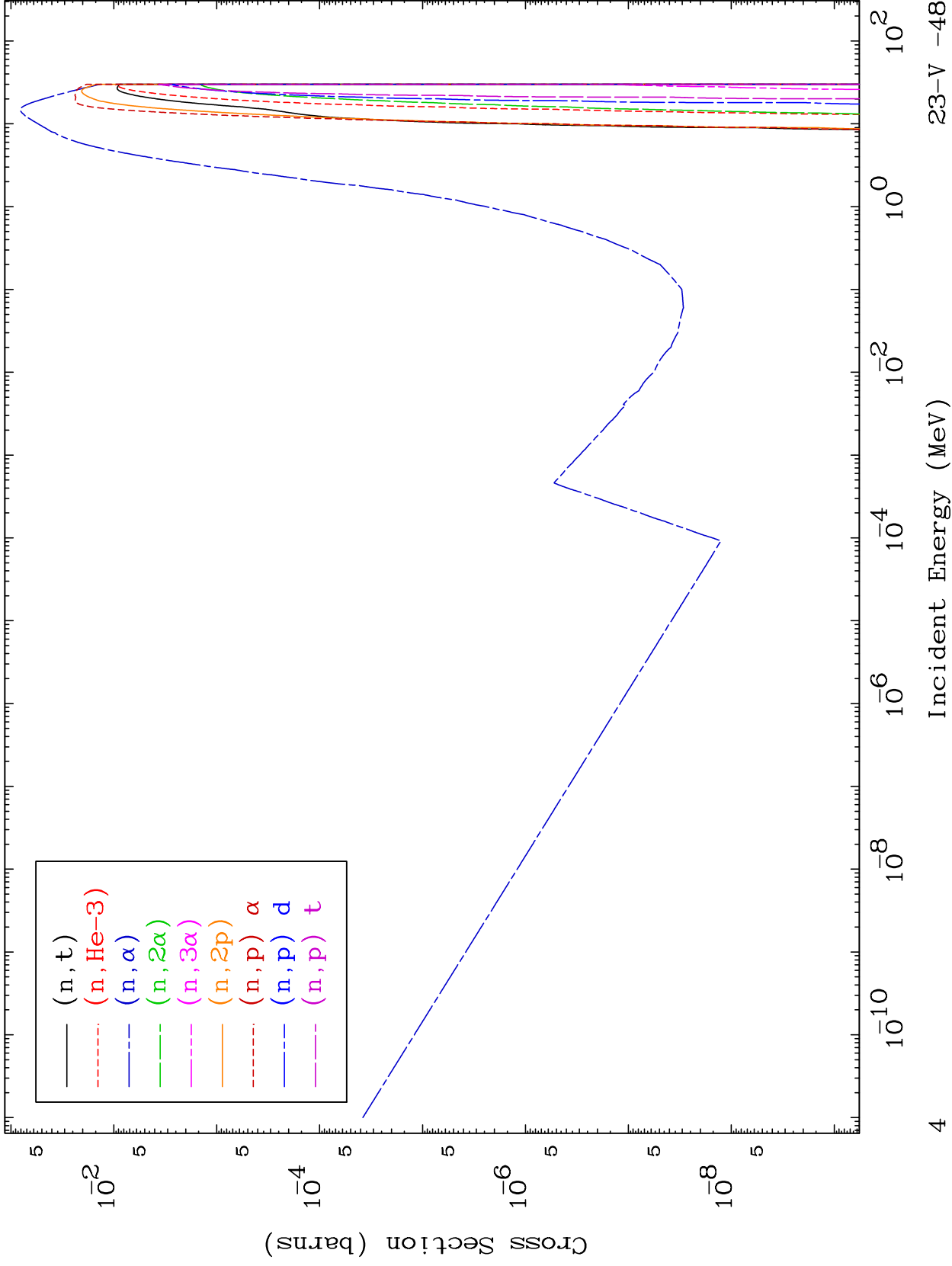
23-V -48



MAT 2319

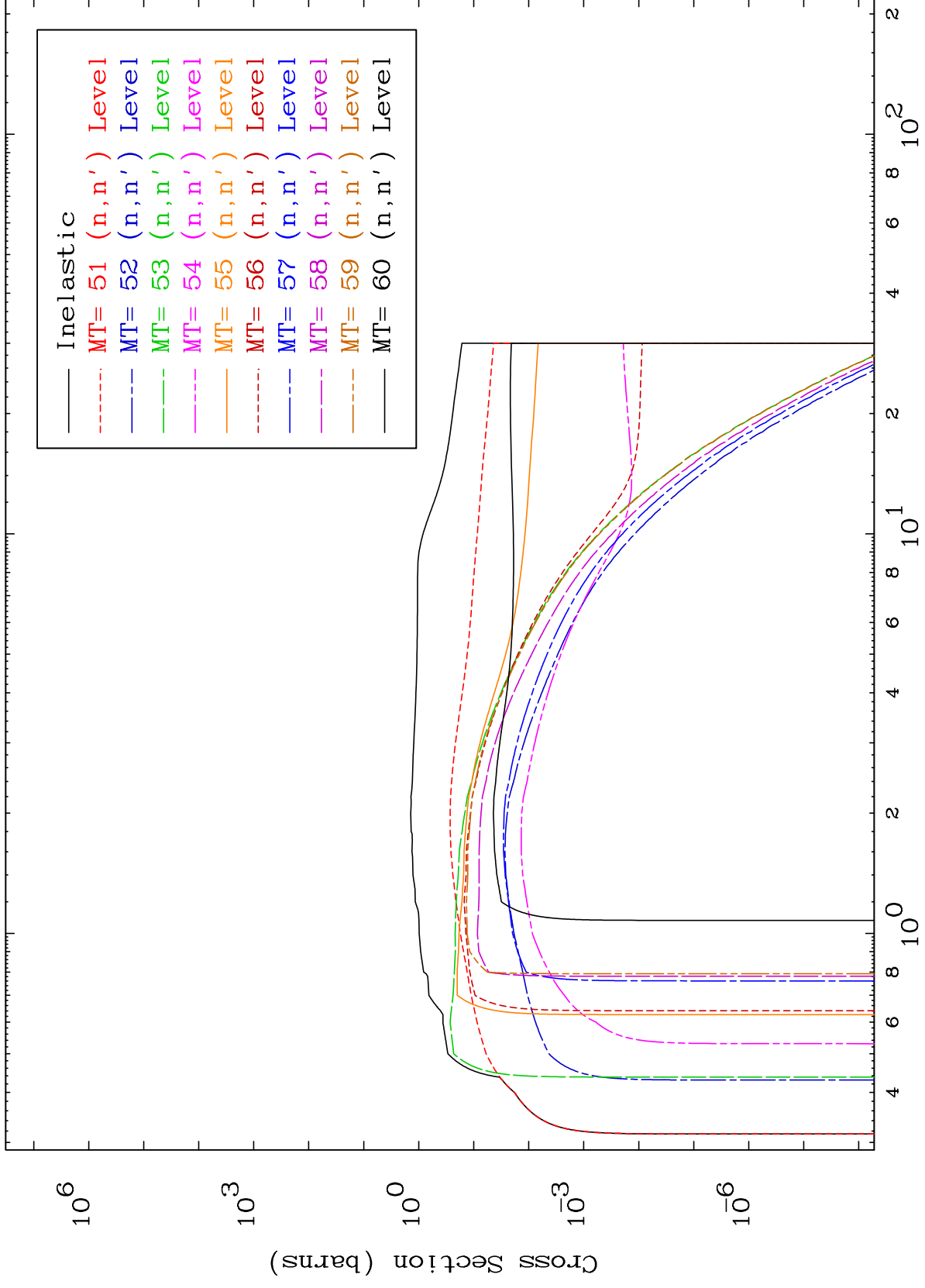
Charged Particle  
293 Kelvin Cross Sections

23-V -48





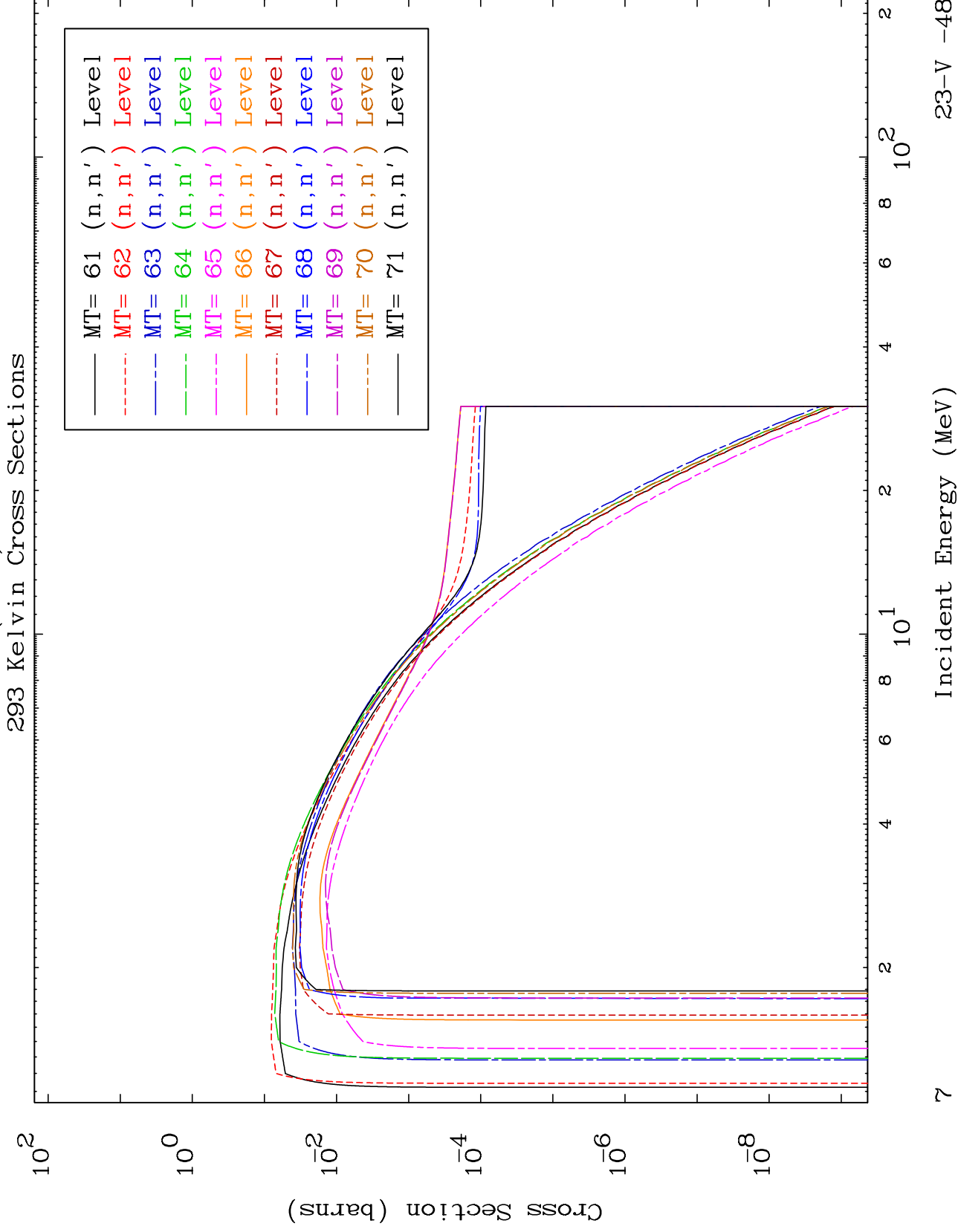
293 Kelvin Cross Sections



MAT 2319

(n,n') Level

23-V -48

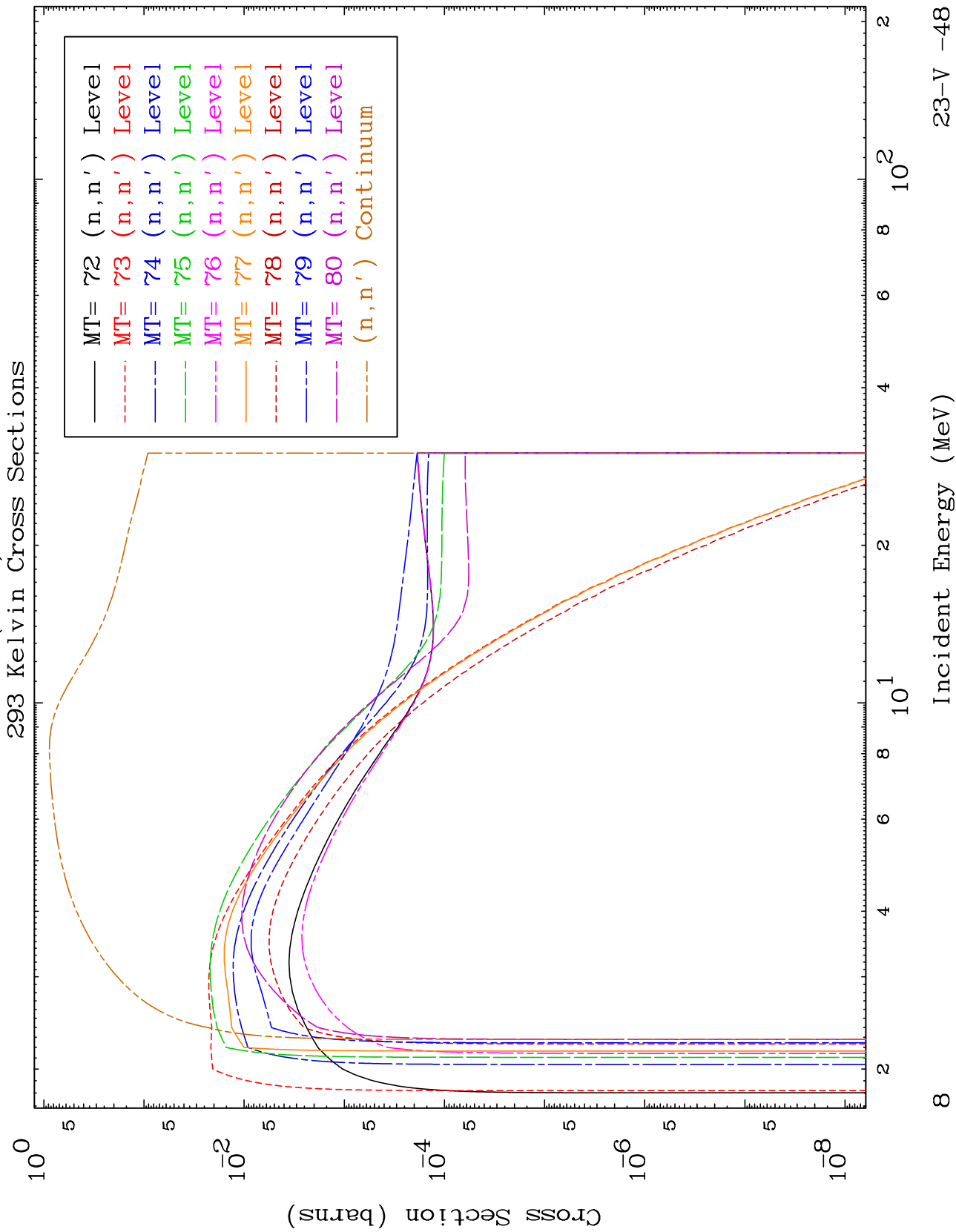




MAT 2319

(n,n') Level

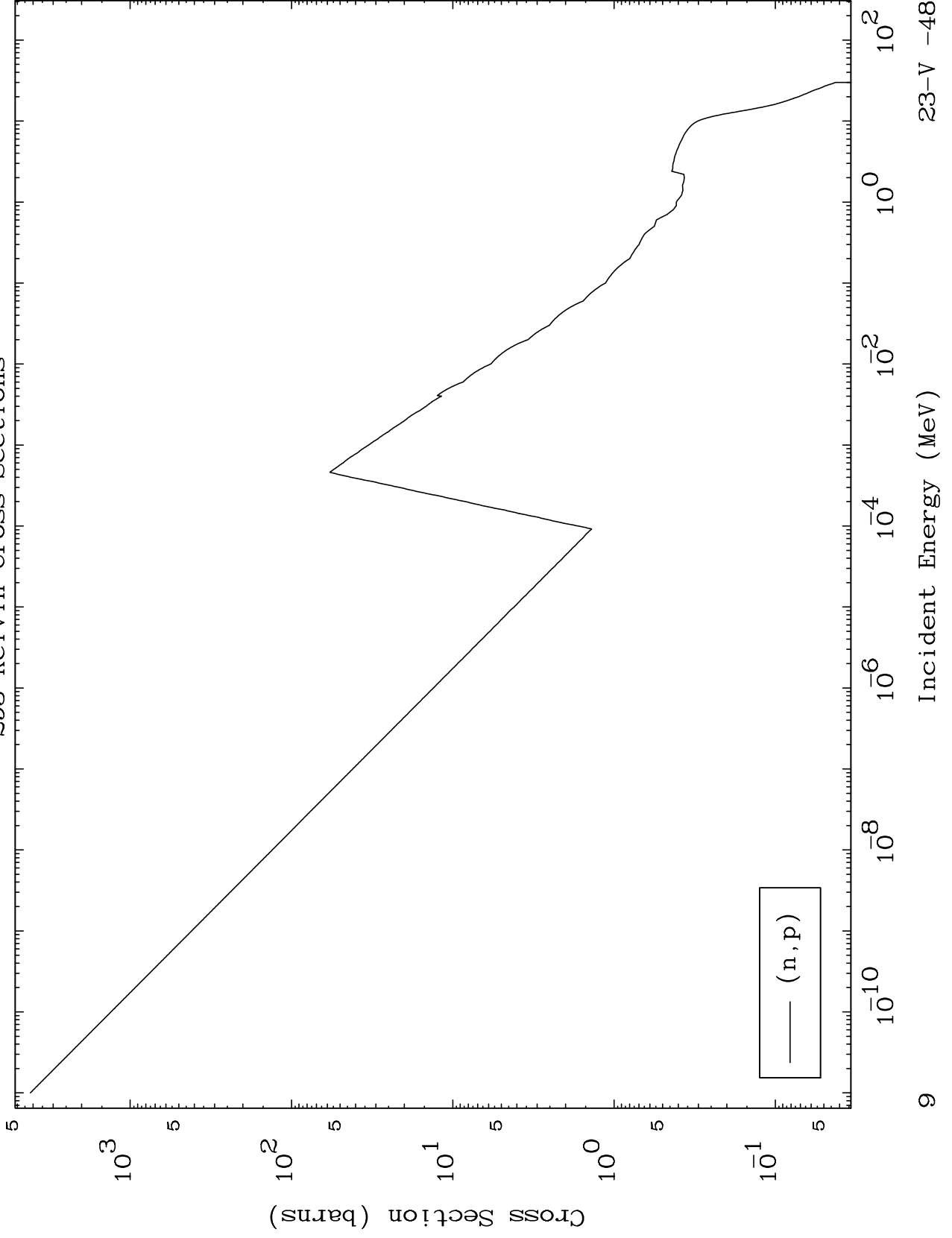
23-V -48



MAT 2319

(n,p) Levels  
293 Kelvin Cross Sections

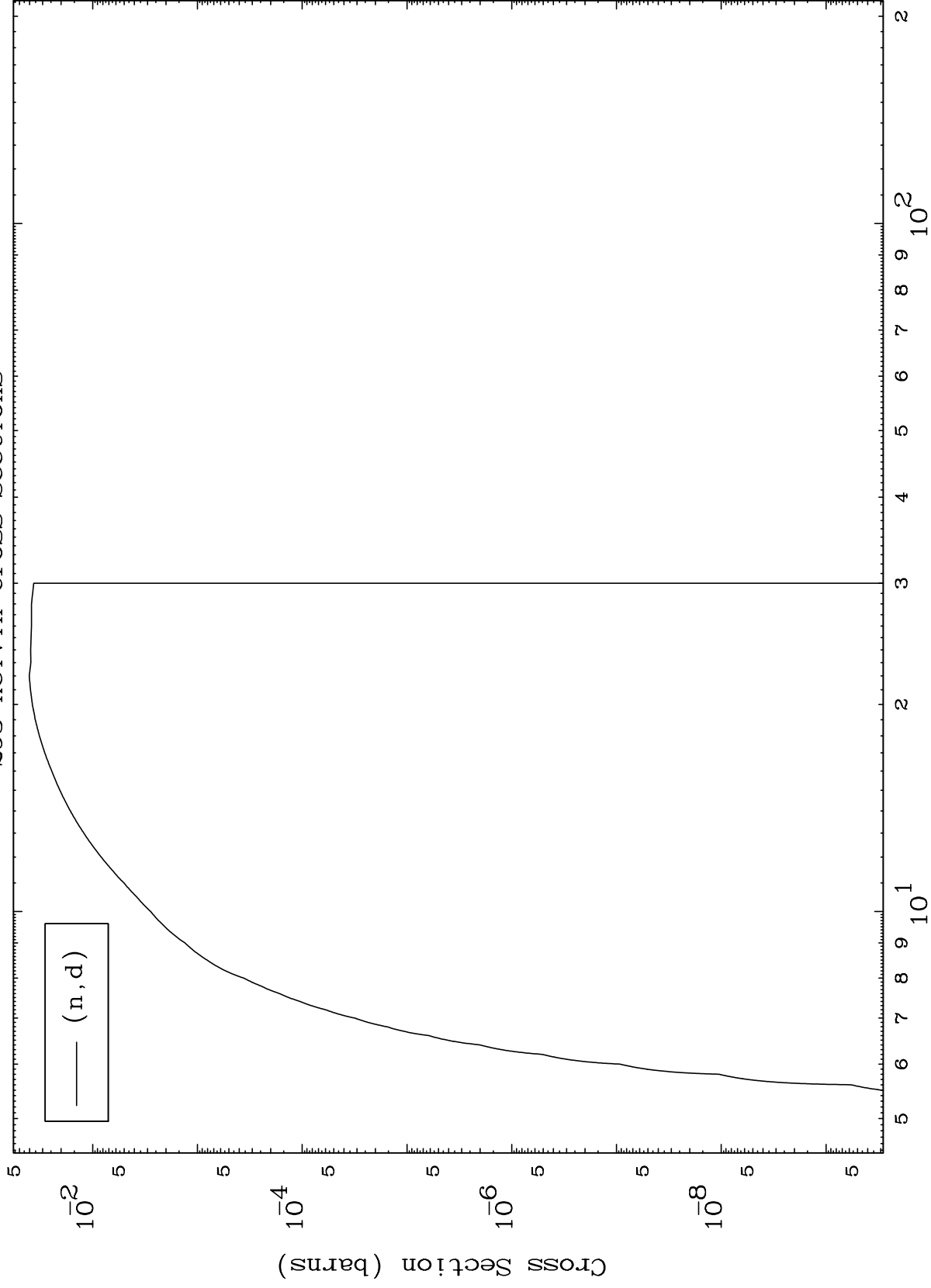
23-V -48



MAT 2319

(n,d) Levels  
293 Kelvin Cross Sections

23-V -48



Incident Energy (MeV)

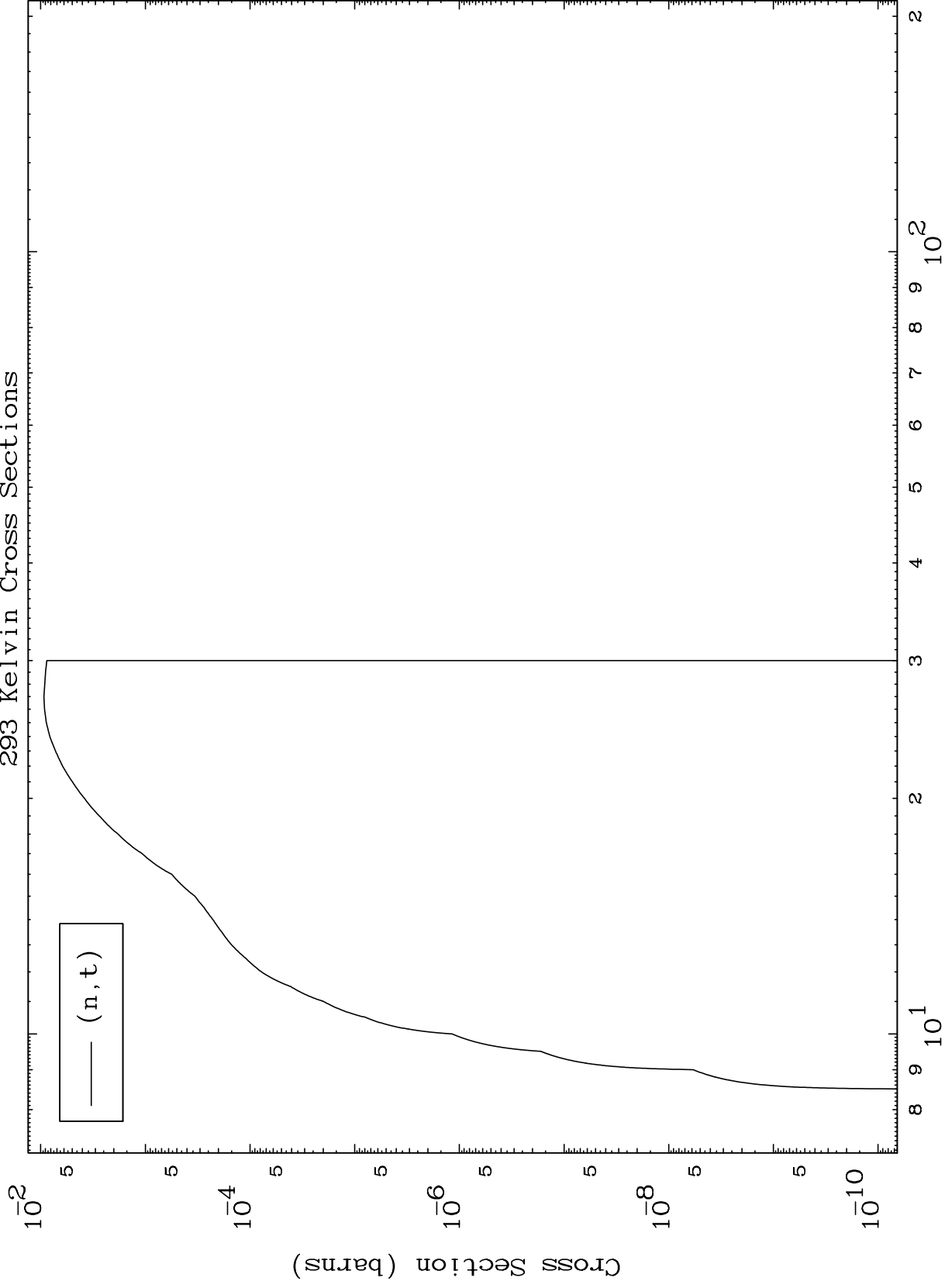
23-V -48

10

MAT 2319

(n,t) Levels  
293 Kelvin Cross Sections

23-V -48



11

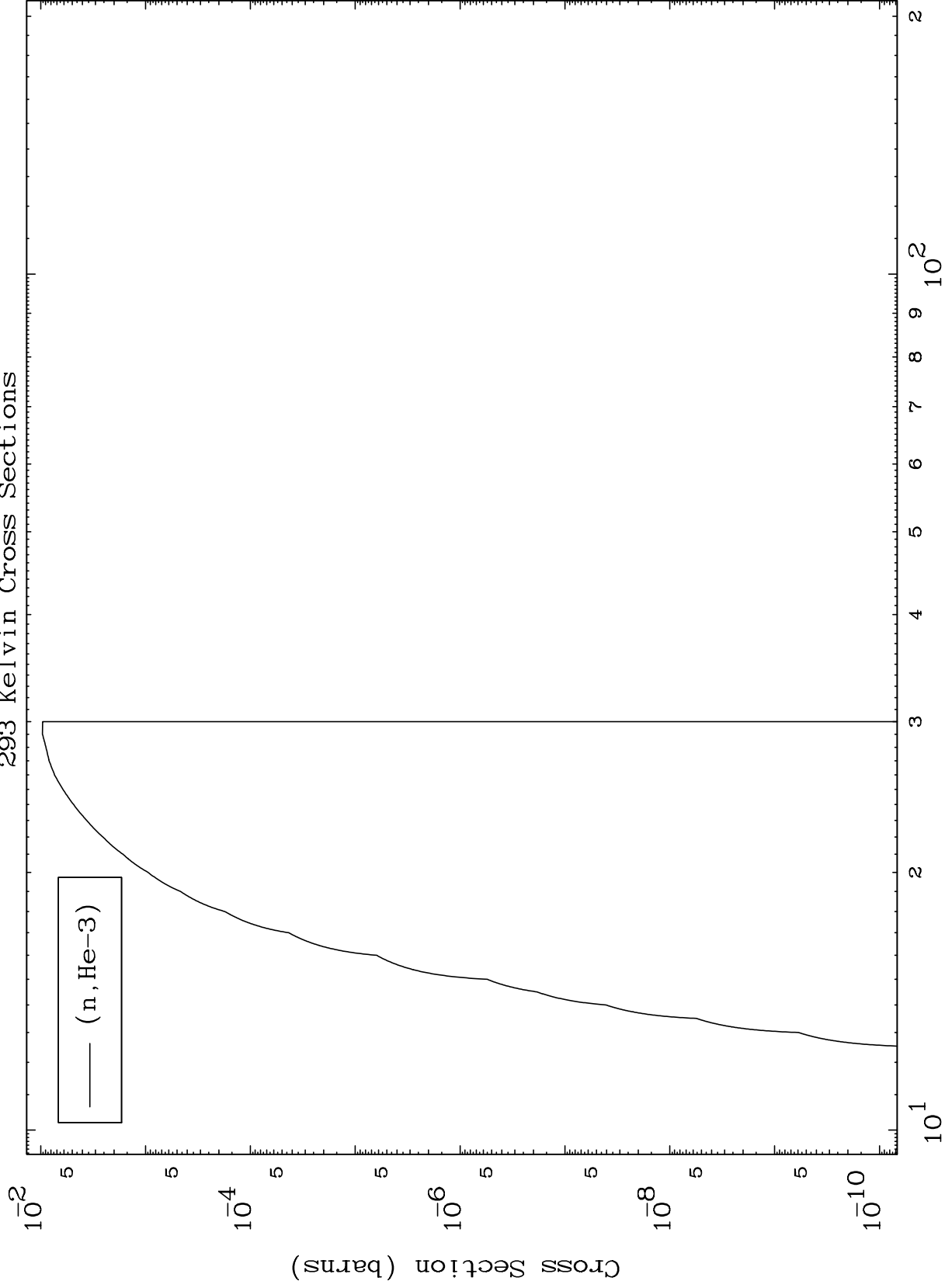
Incident Energy (MeV)

23-V -48

MAT 2319

(n,He3) Levels  
293 Kelvin Cross Sections

23-V -48



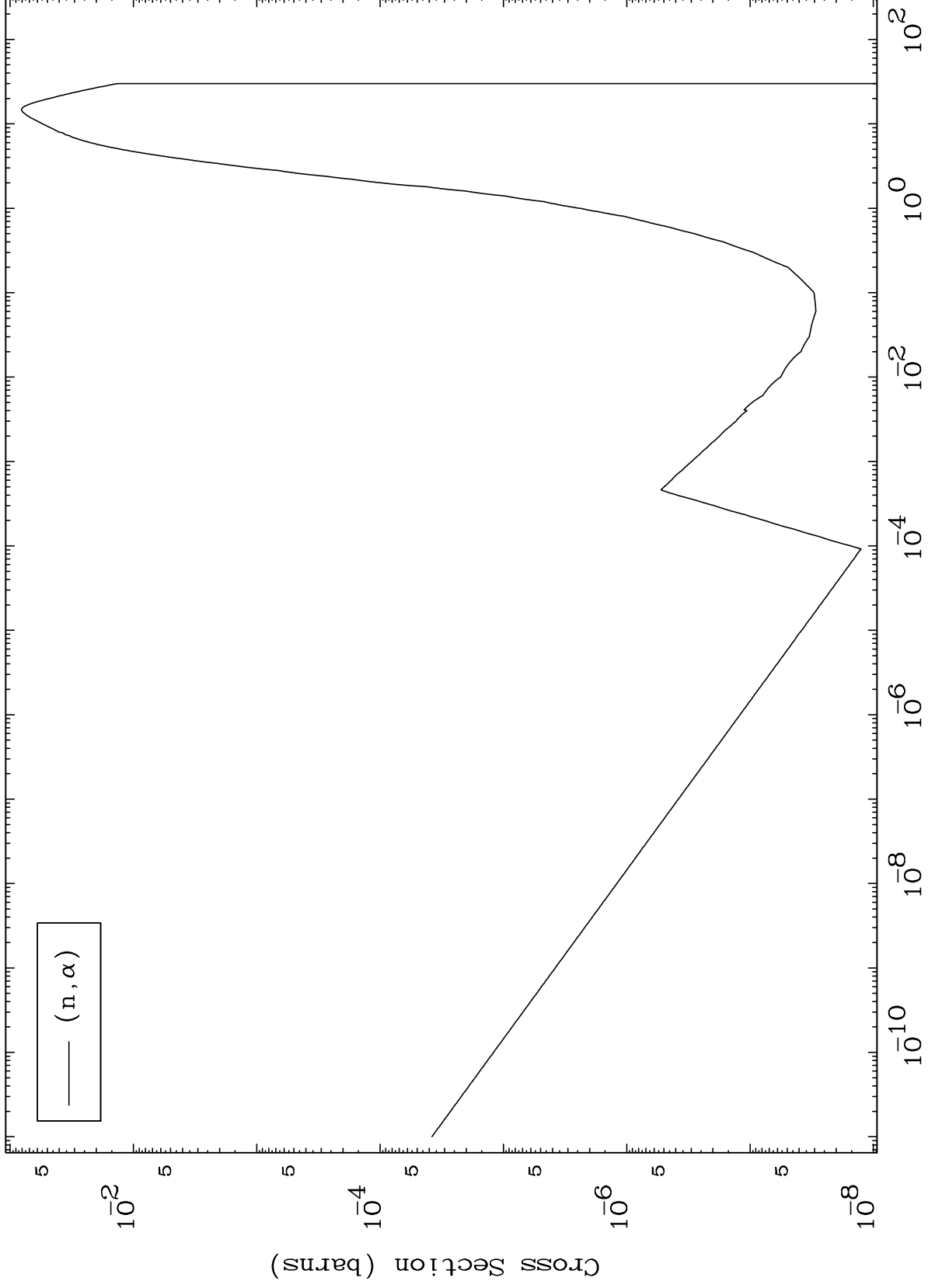
Incident Energy (MeV)

23-V -48

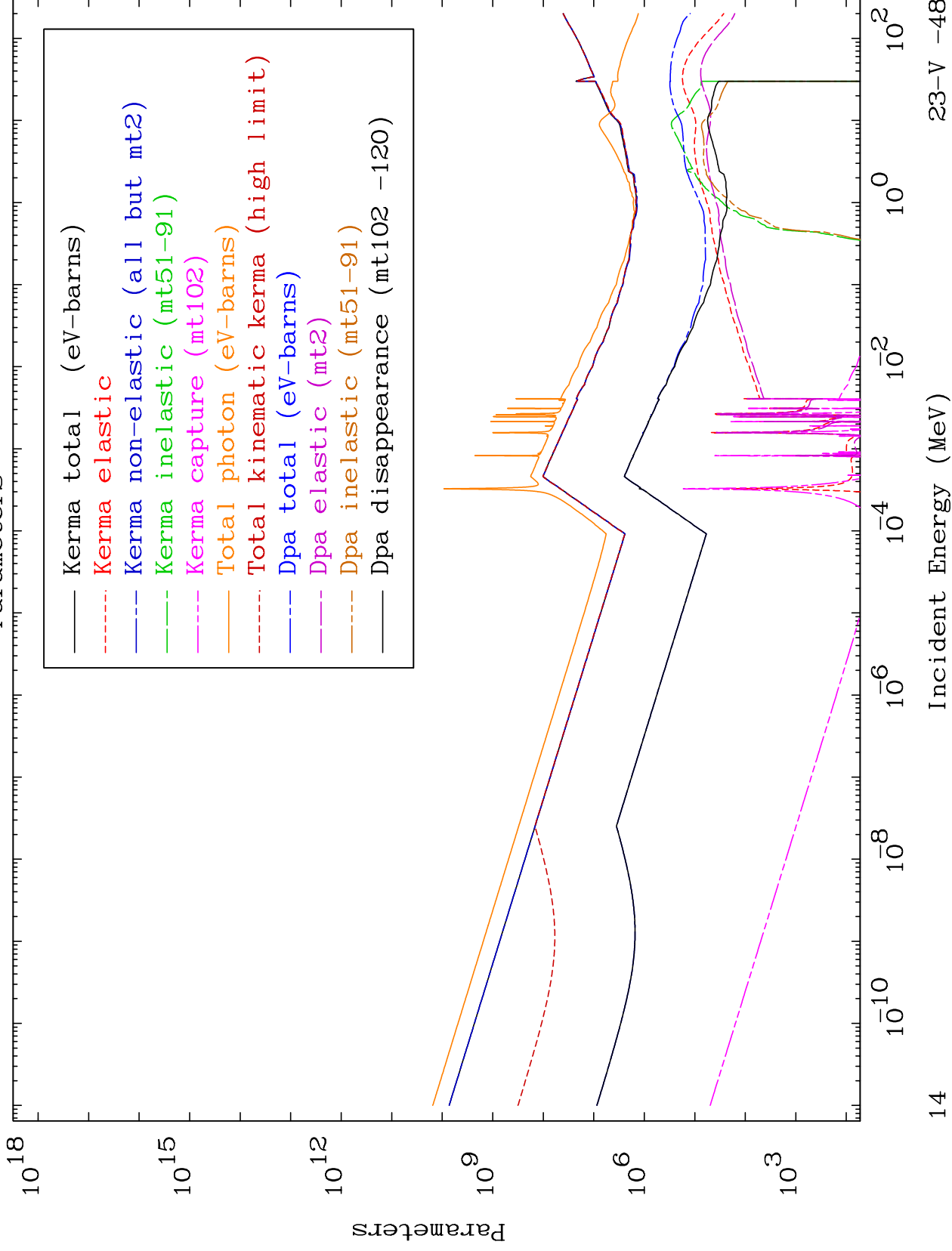
MAT 2319

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

23-V -48



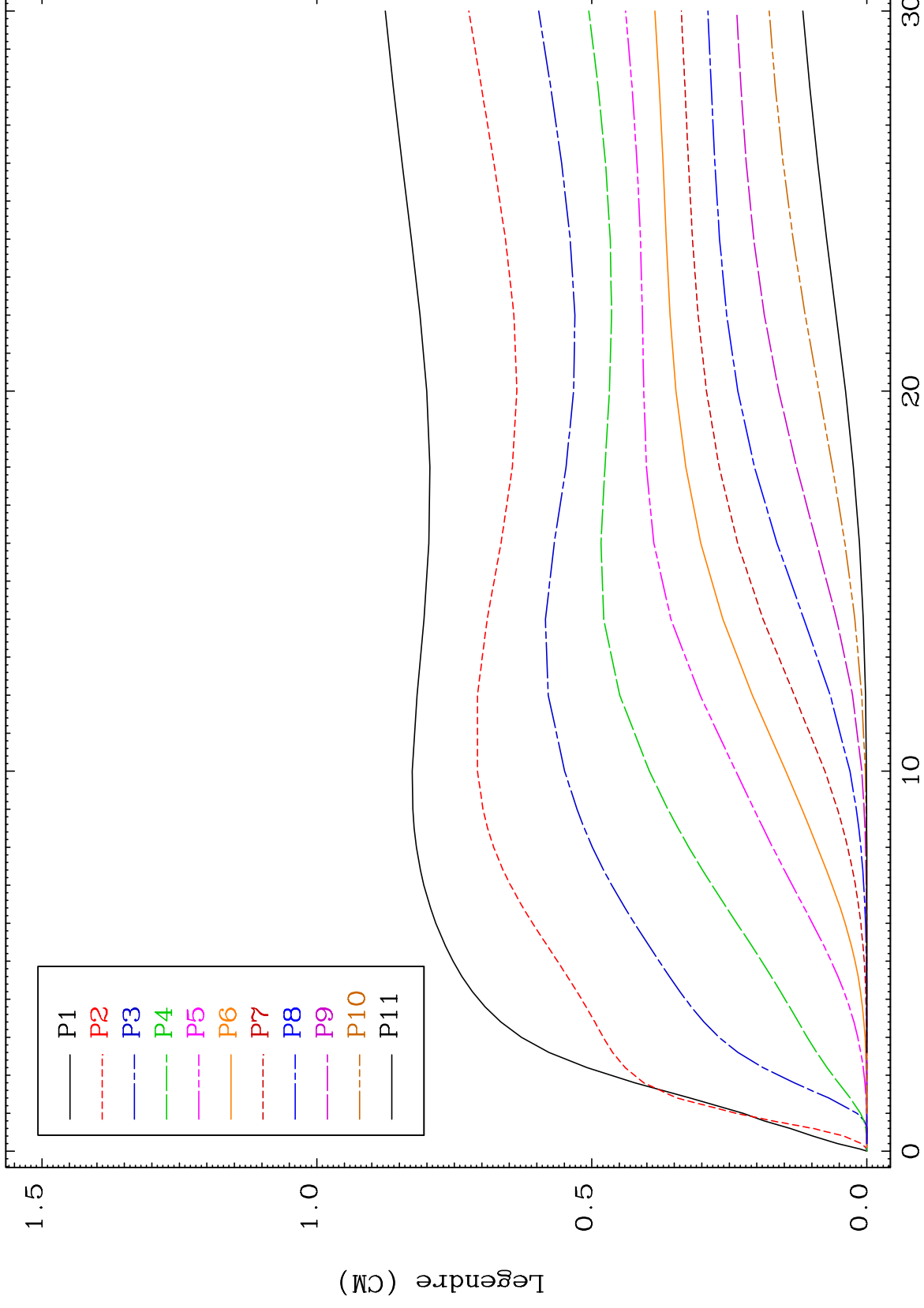
(n,  $\alpha$ )



MAT 2319

Elastic Legendre Coefficients

23-V -48



15

Incident Energy (MeV)

23-V -48

0

10

20

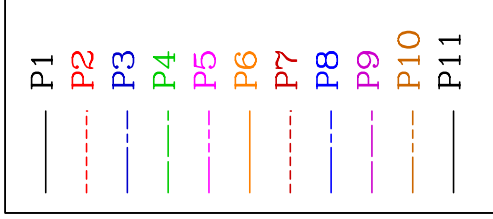
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1.5

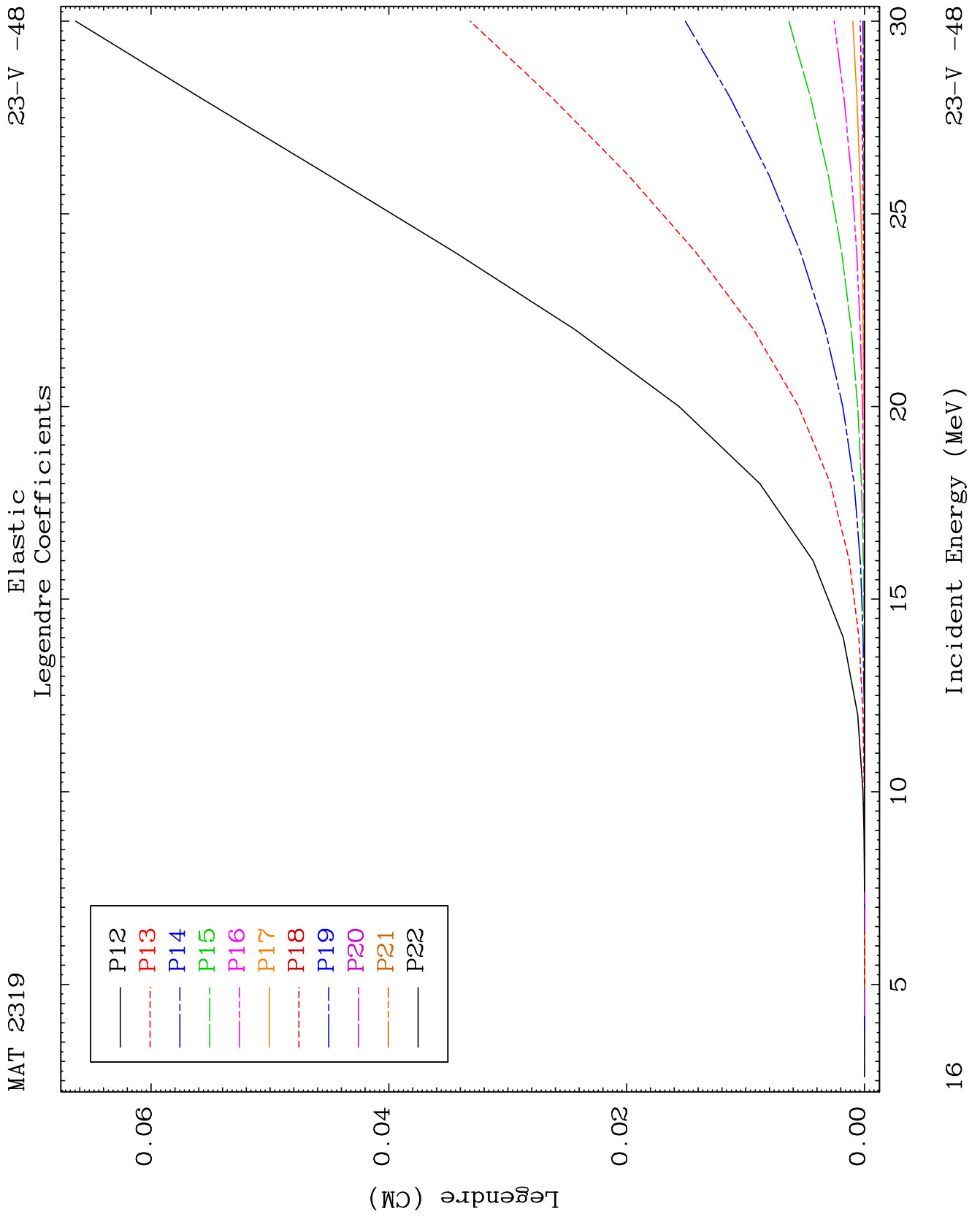
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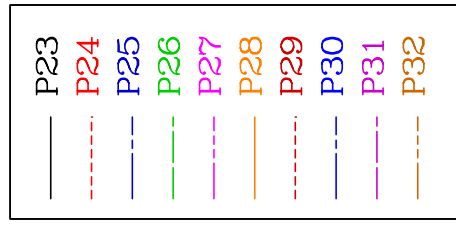




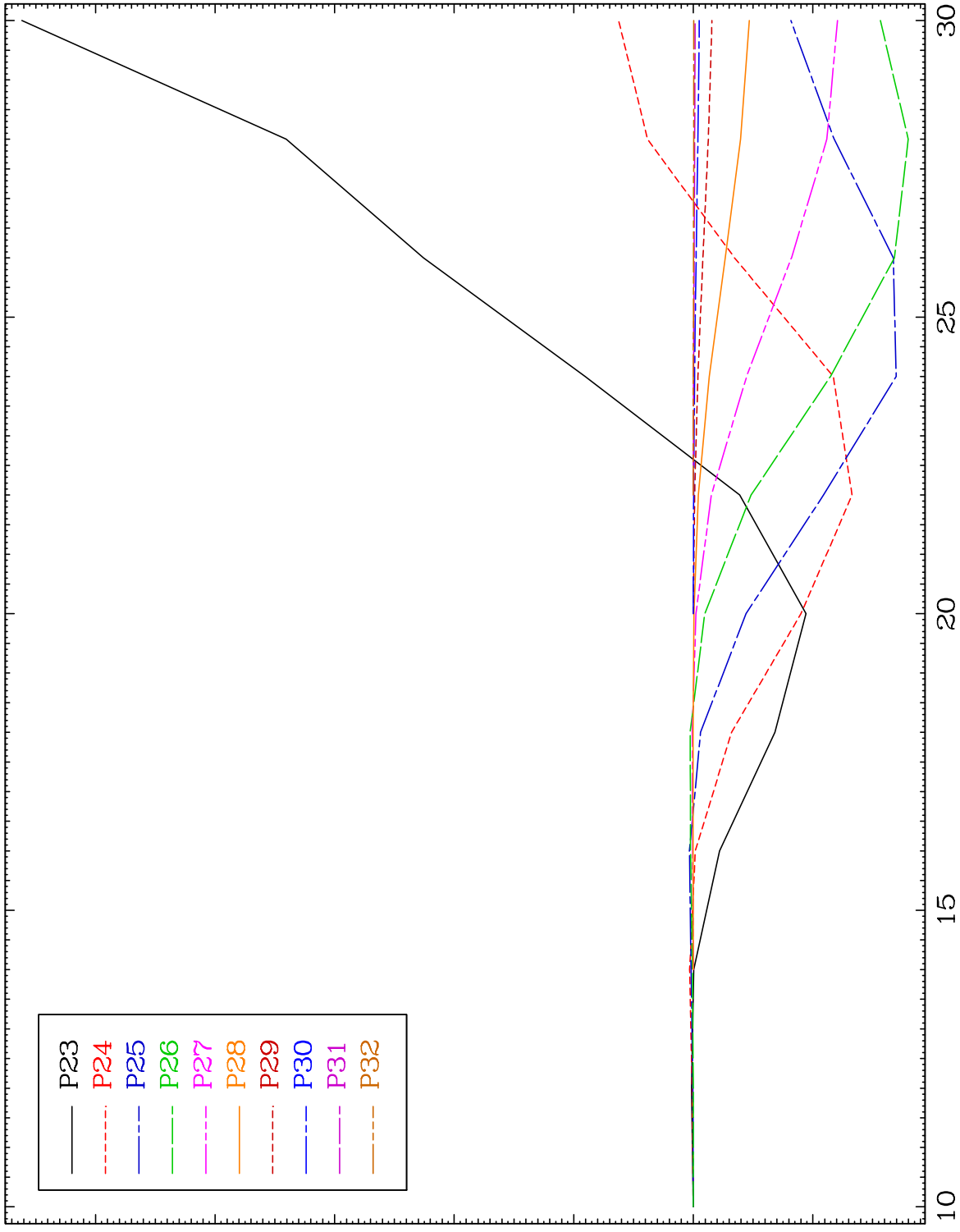
MAT 2319

Elastic  
Legendre Coefficients

23-V -48



$\times 10^{-6}$   
Legendre (CM)



17

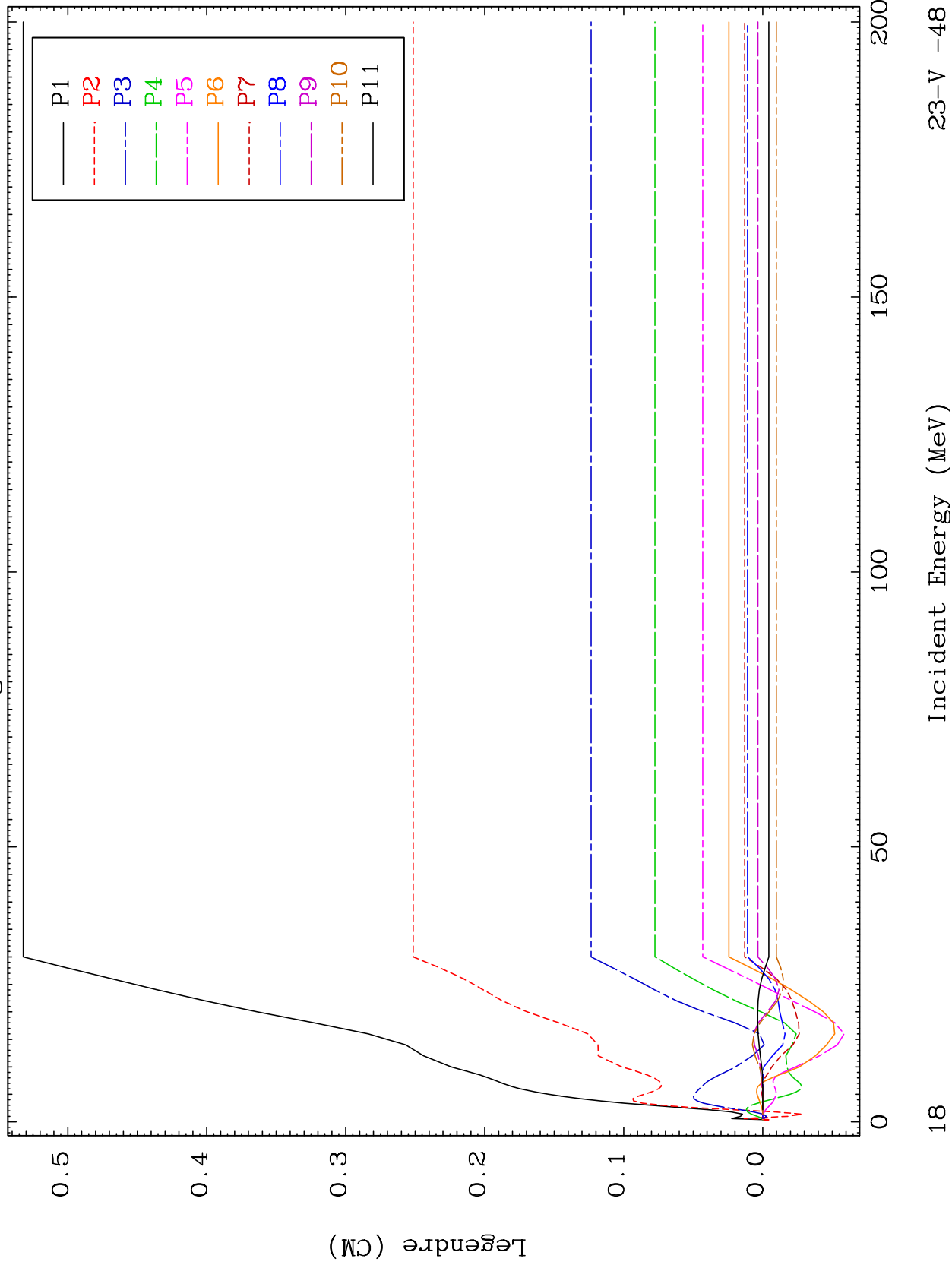
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 51 (n,n') Level  
Legendre Coefficients

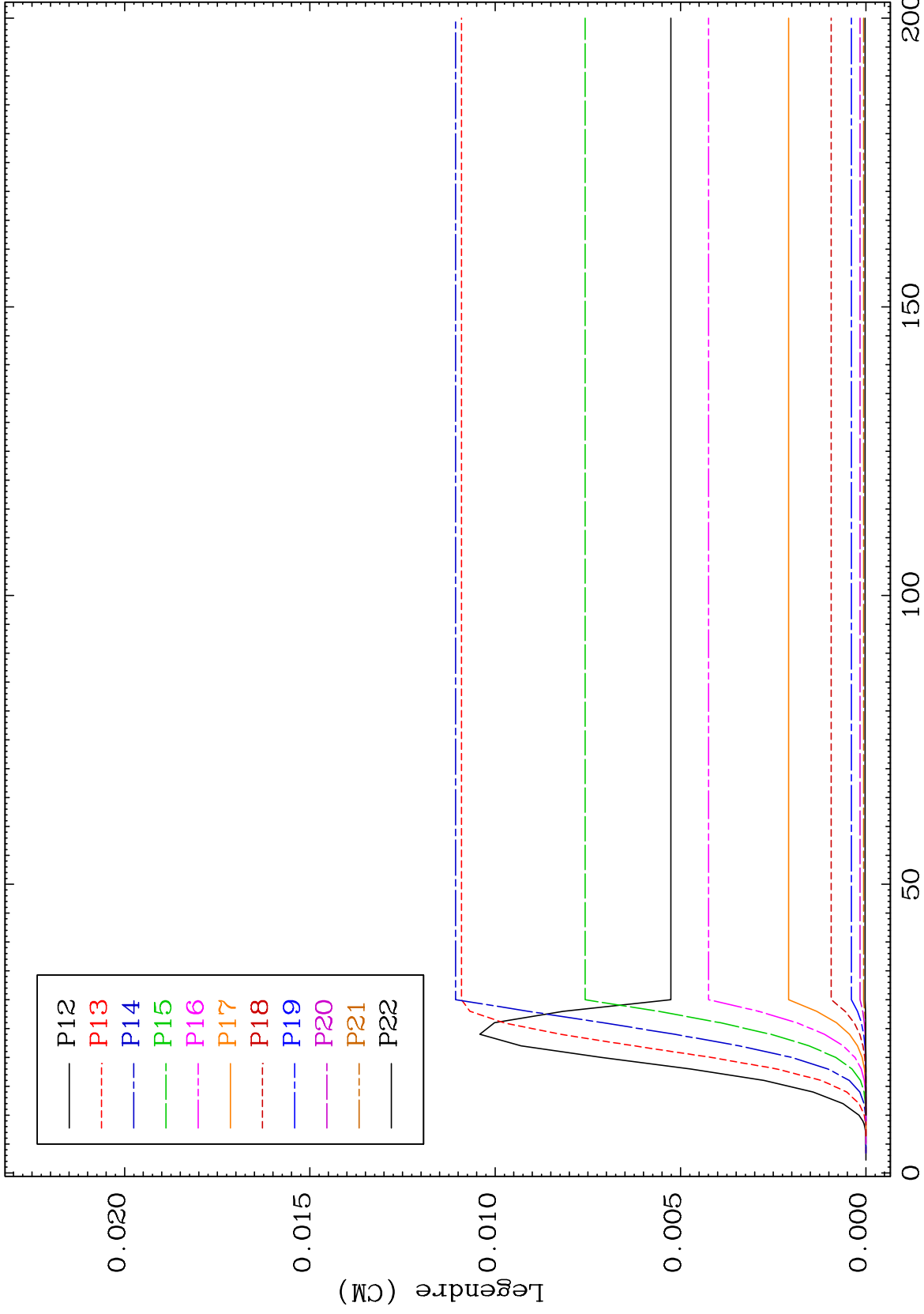
23-V -48



MAT 2319

MT= 51 (n,n') Level  
Legendre Coefficients

23-V -48



19

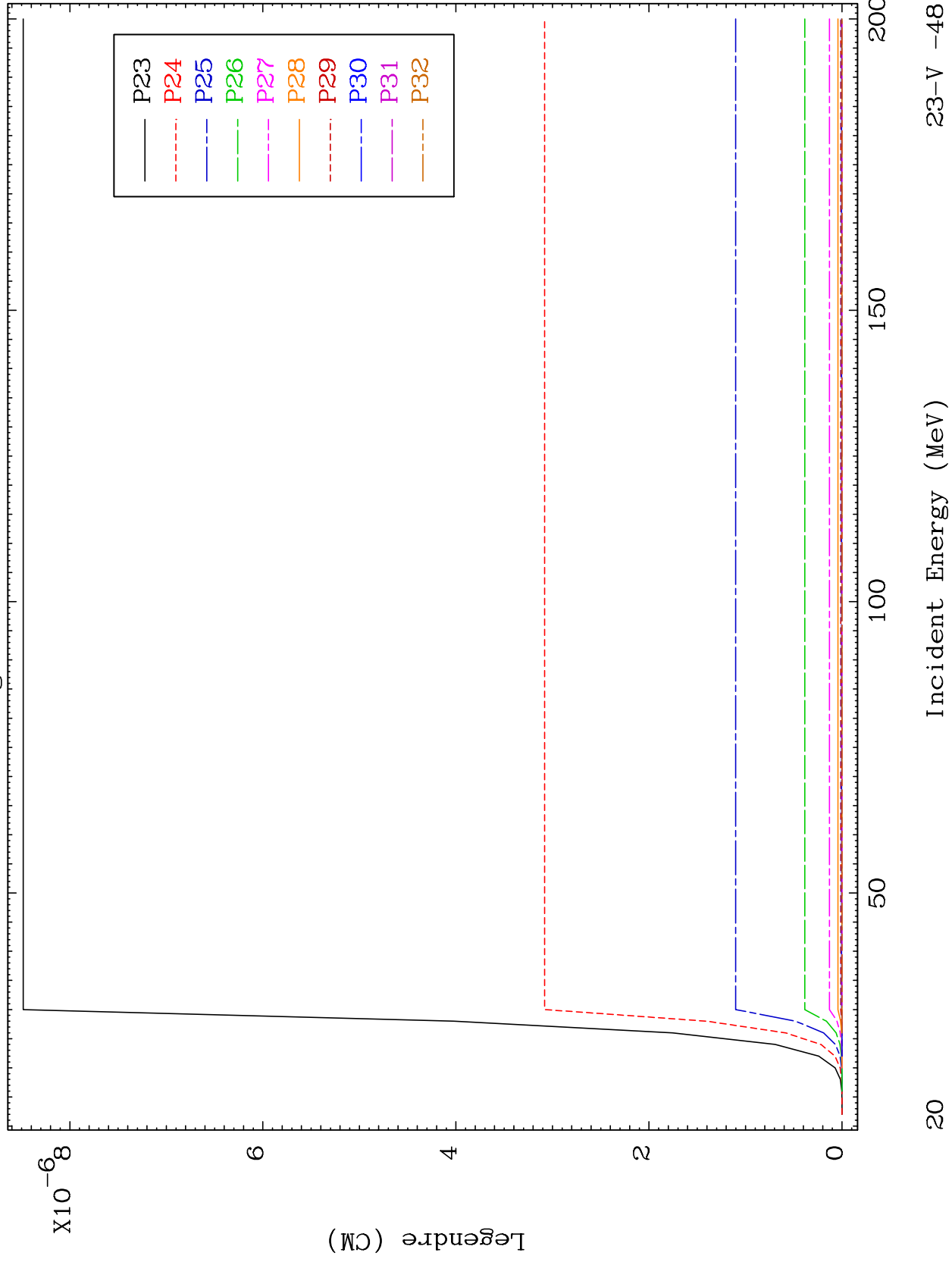
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 51 (n,n') Level  
Legendre Coefficients

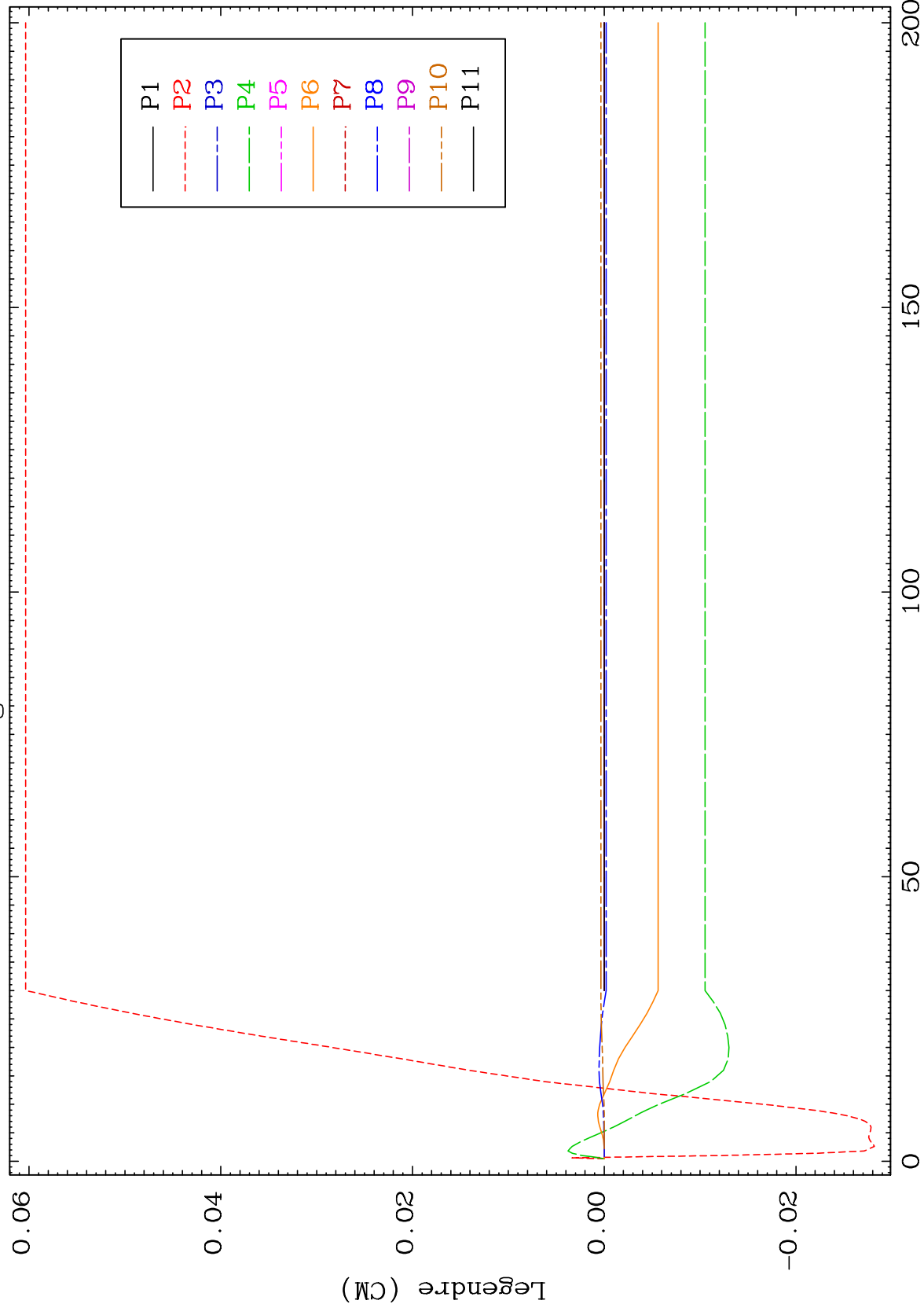
23-V -48



MAT 2319

MT= 52 (n,n') Level  
Legendre Coefficients

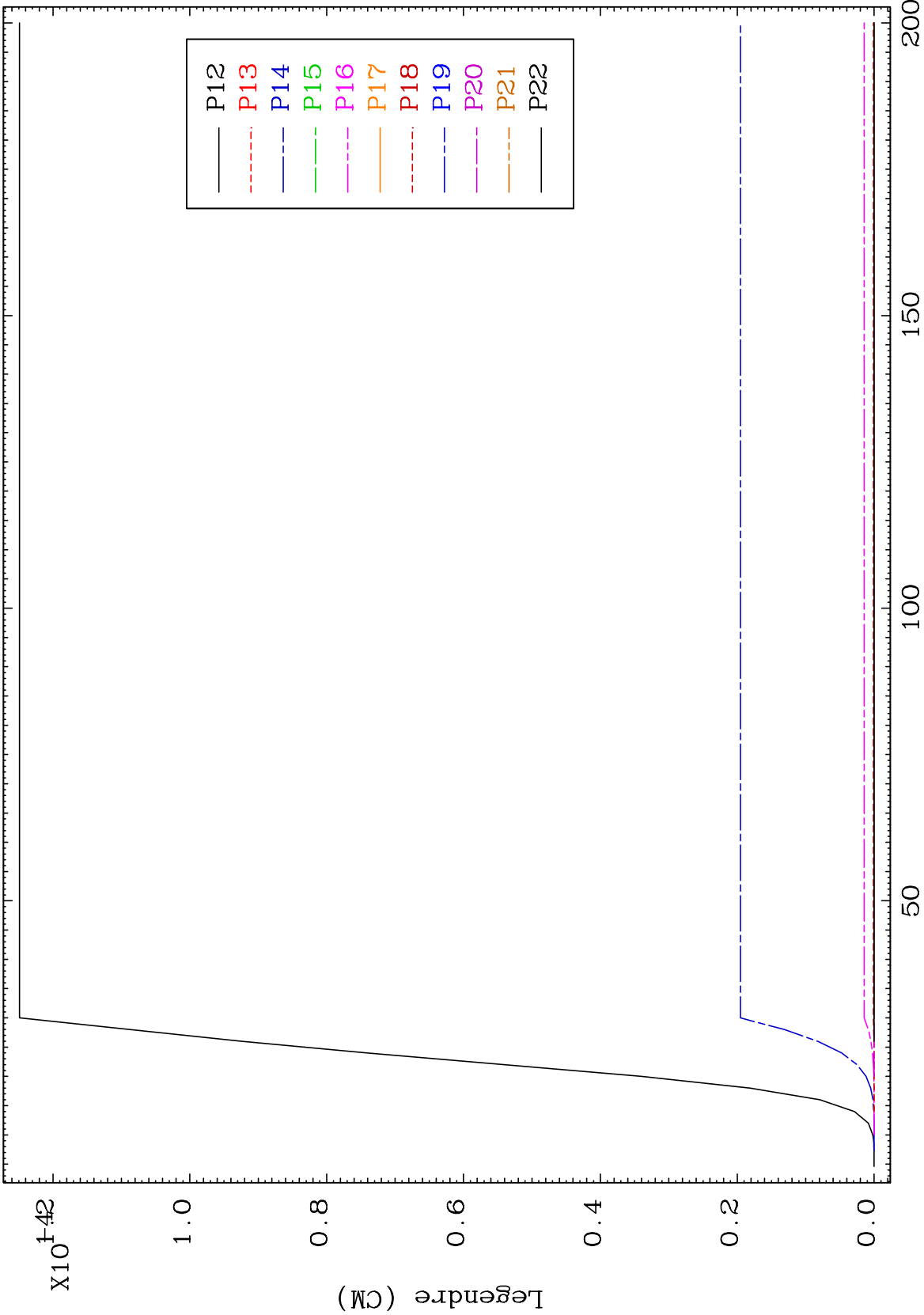
23-V -48



21

Incident Energy (MeV)

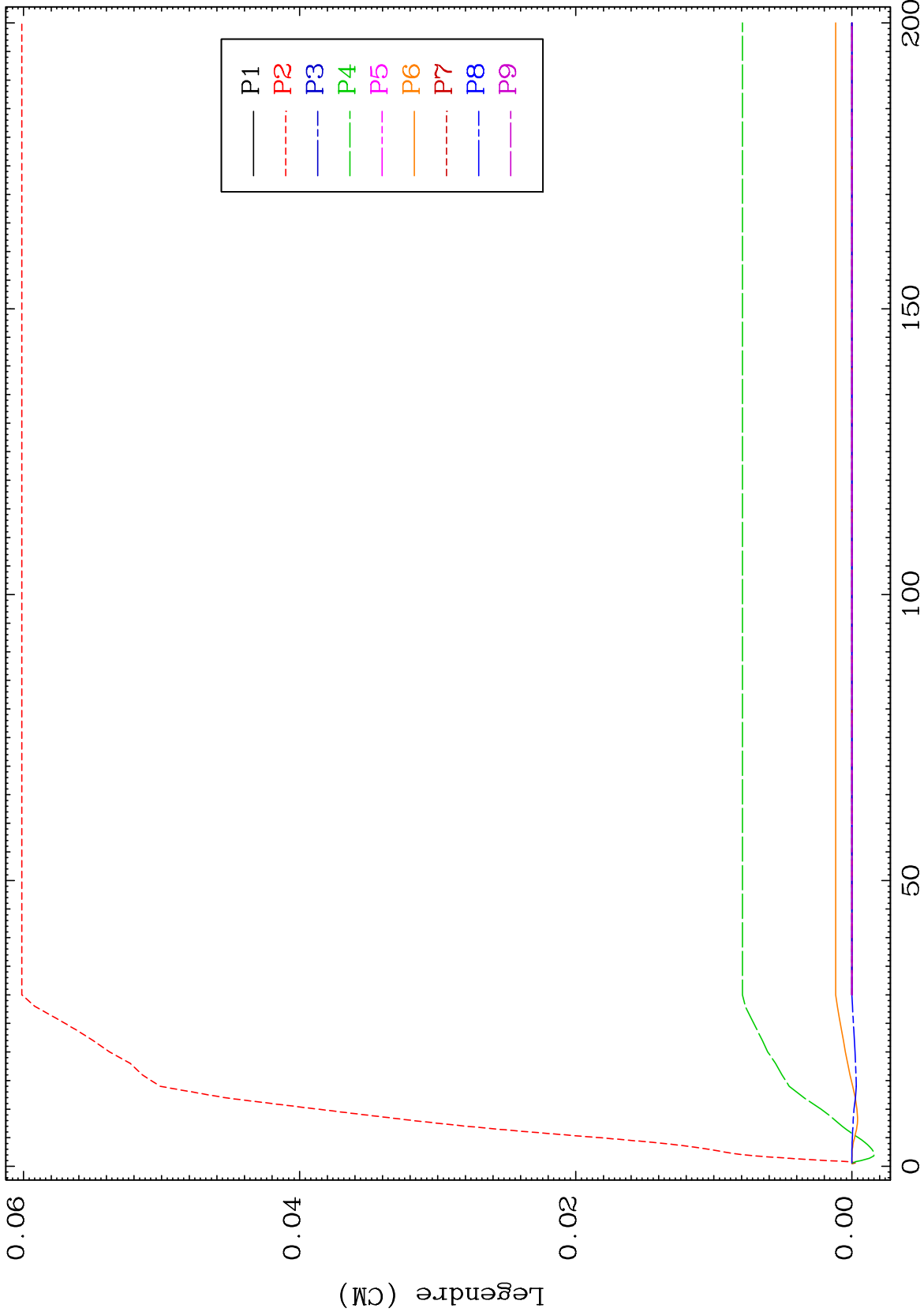
23-V -48



MAT 2319

MT= 53 (n,n') Level  
Legendre Coefficients

23-V -48

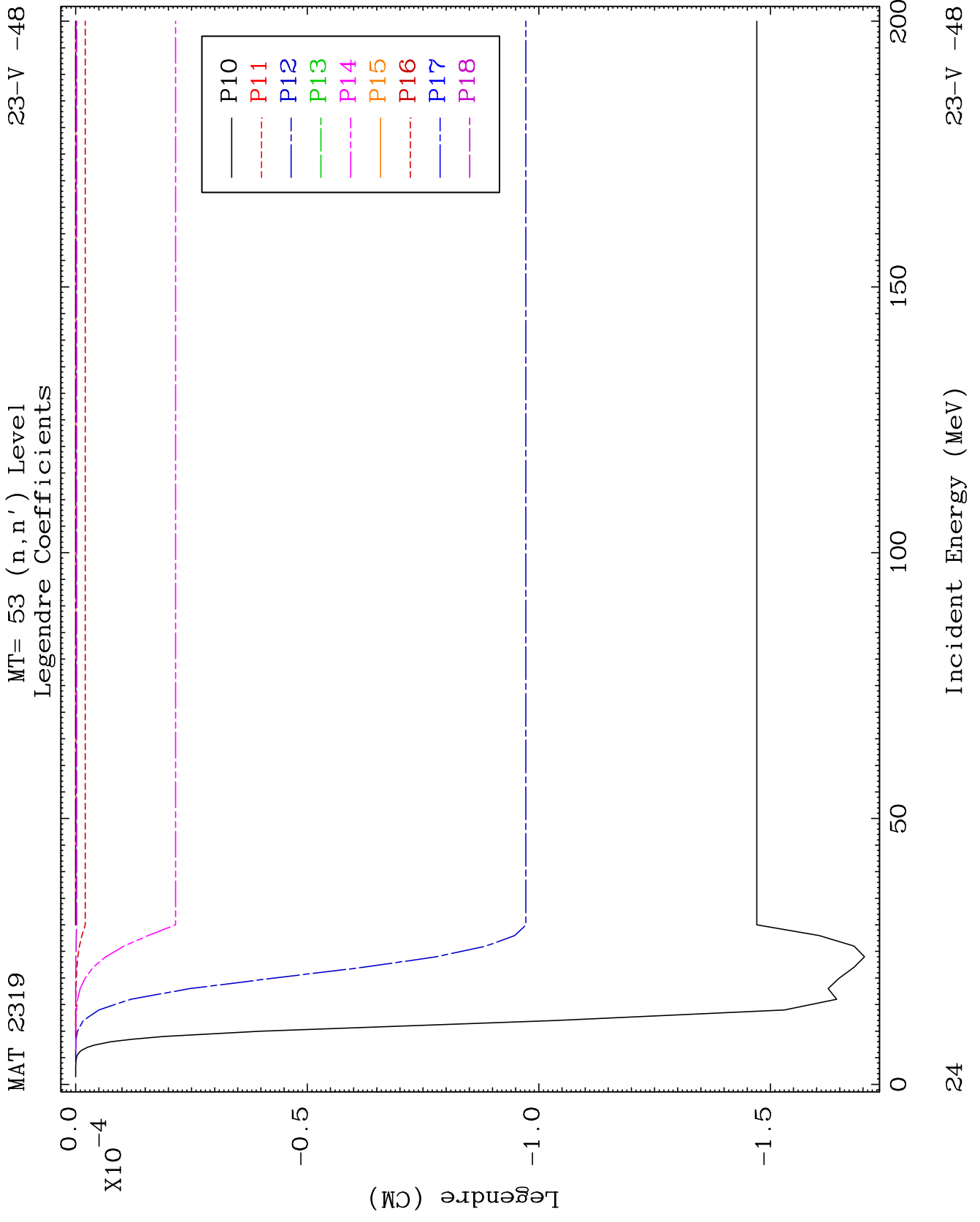


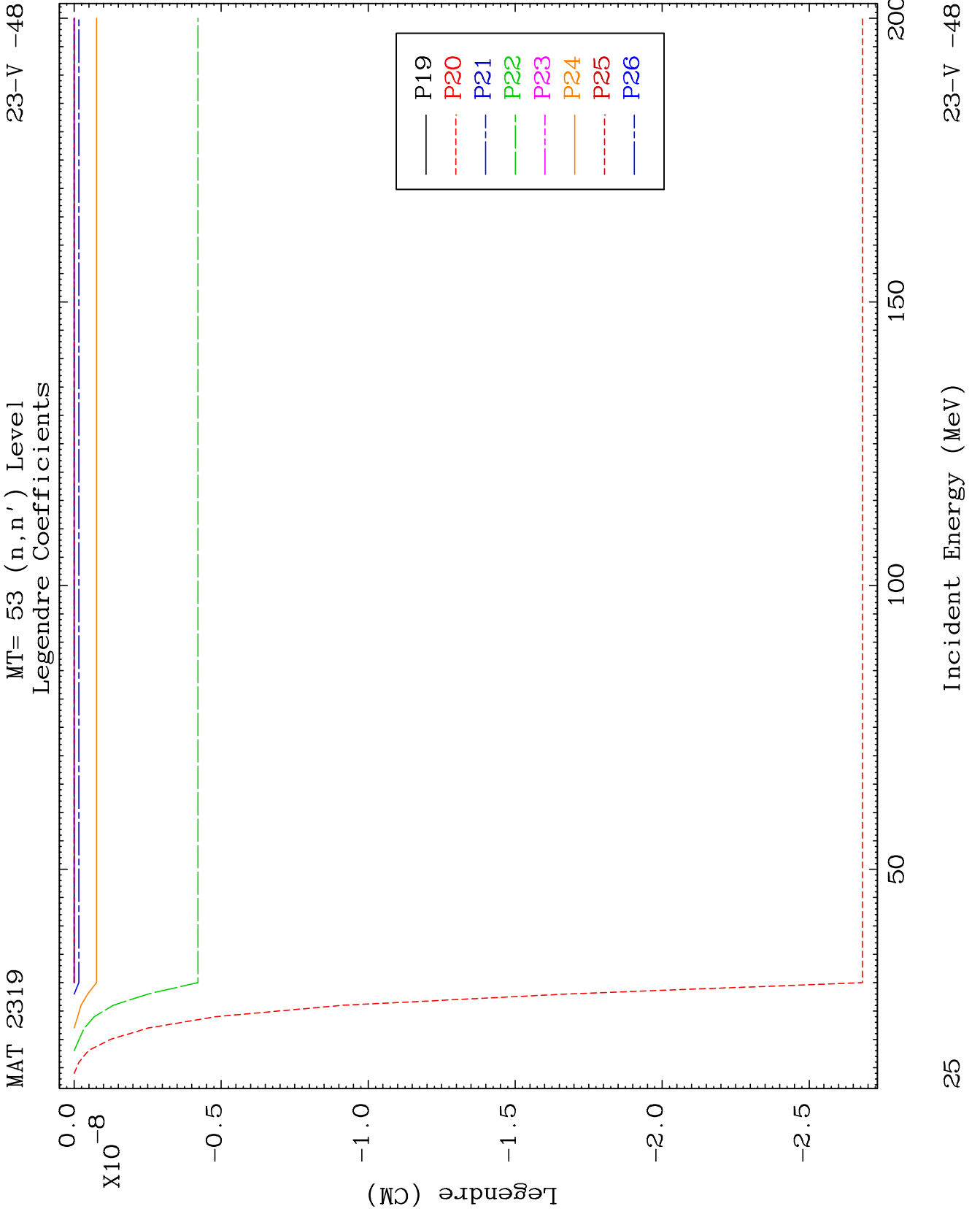
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Incident Energy (MeV)

23-V -48



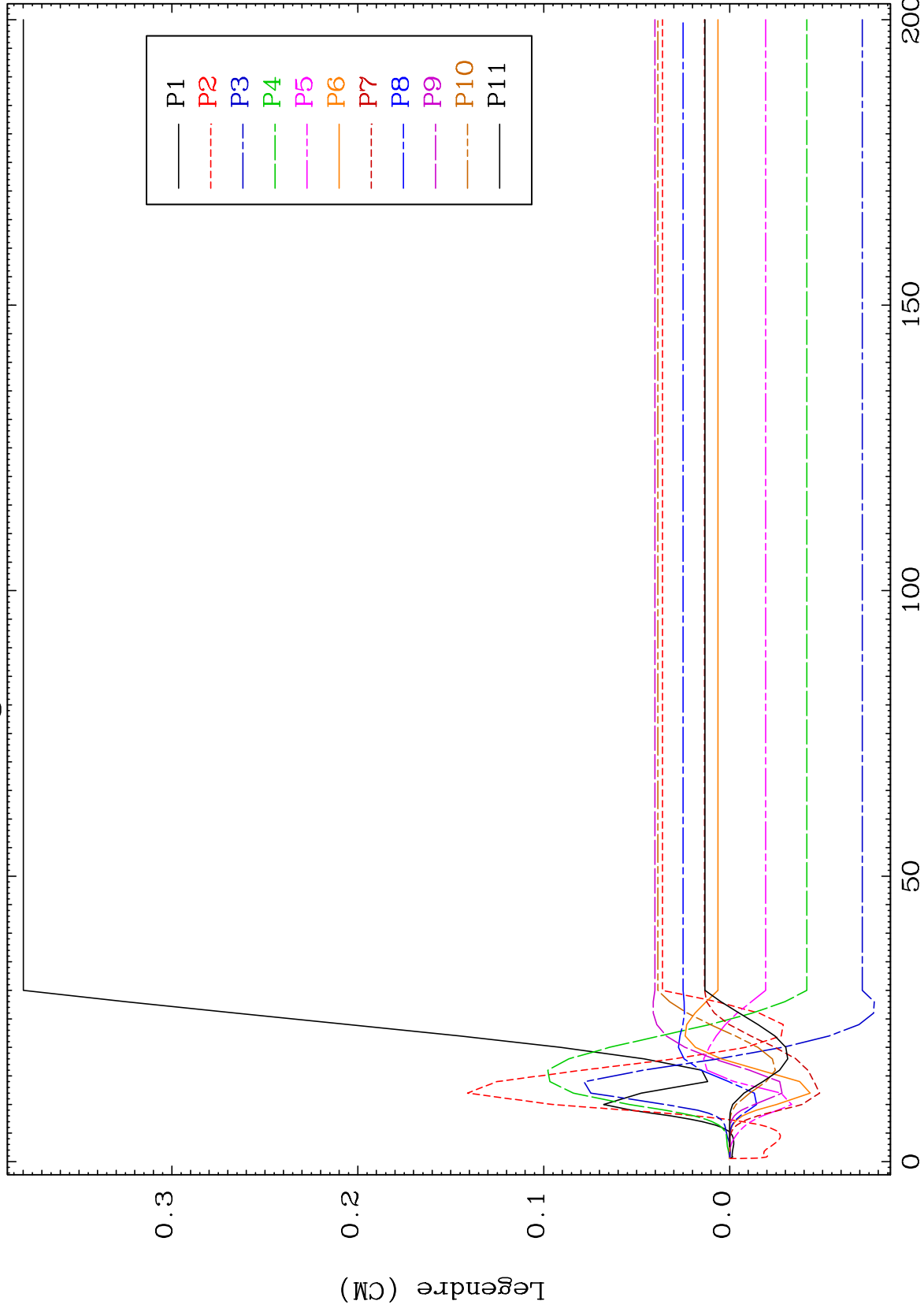




MAT 2319

MT= 54 (n,n') Level  
Legendre Coefficients

23-V -48



26

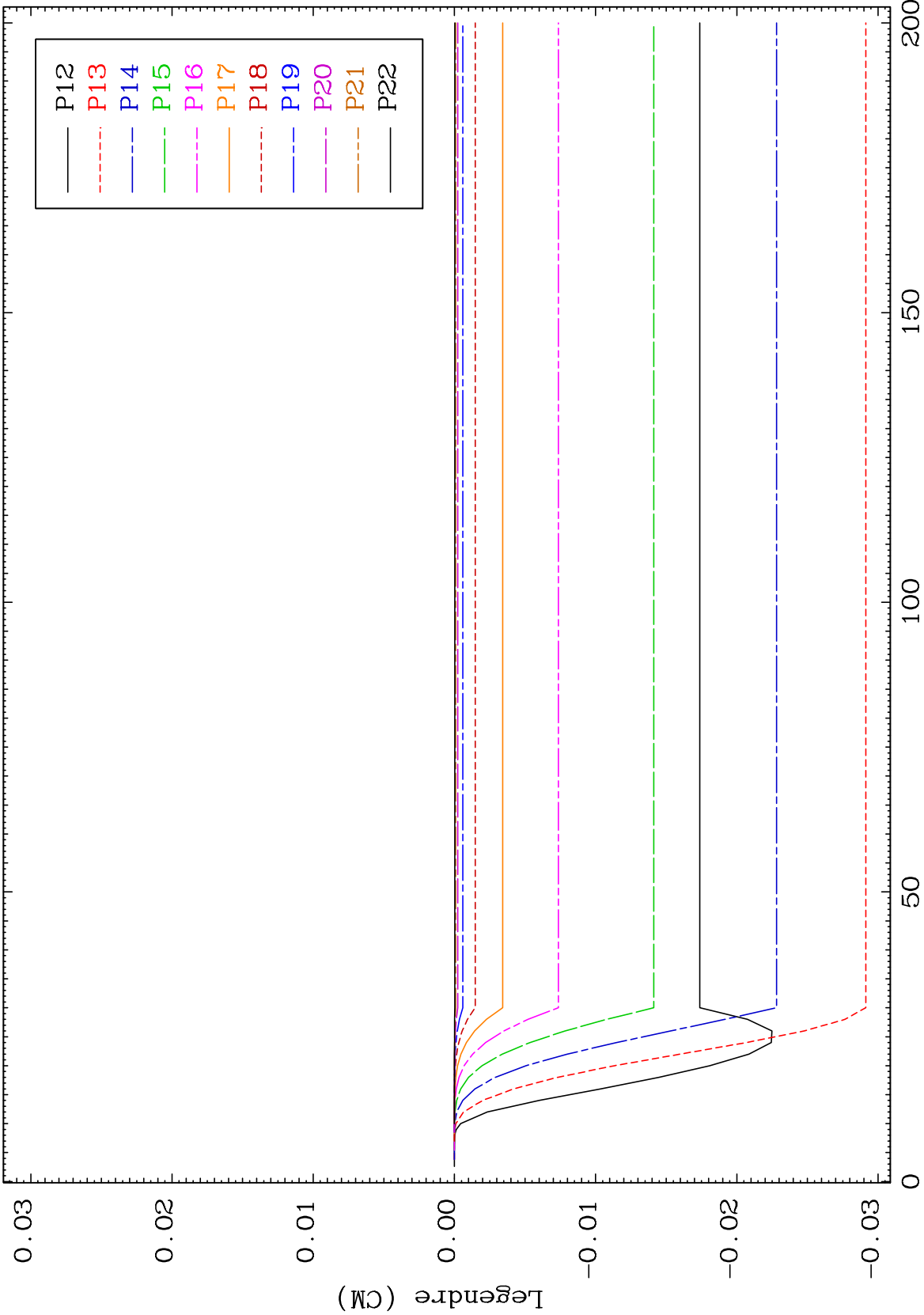
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 54 (n,n') Level  
Legendre Coefficients

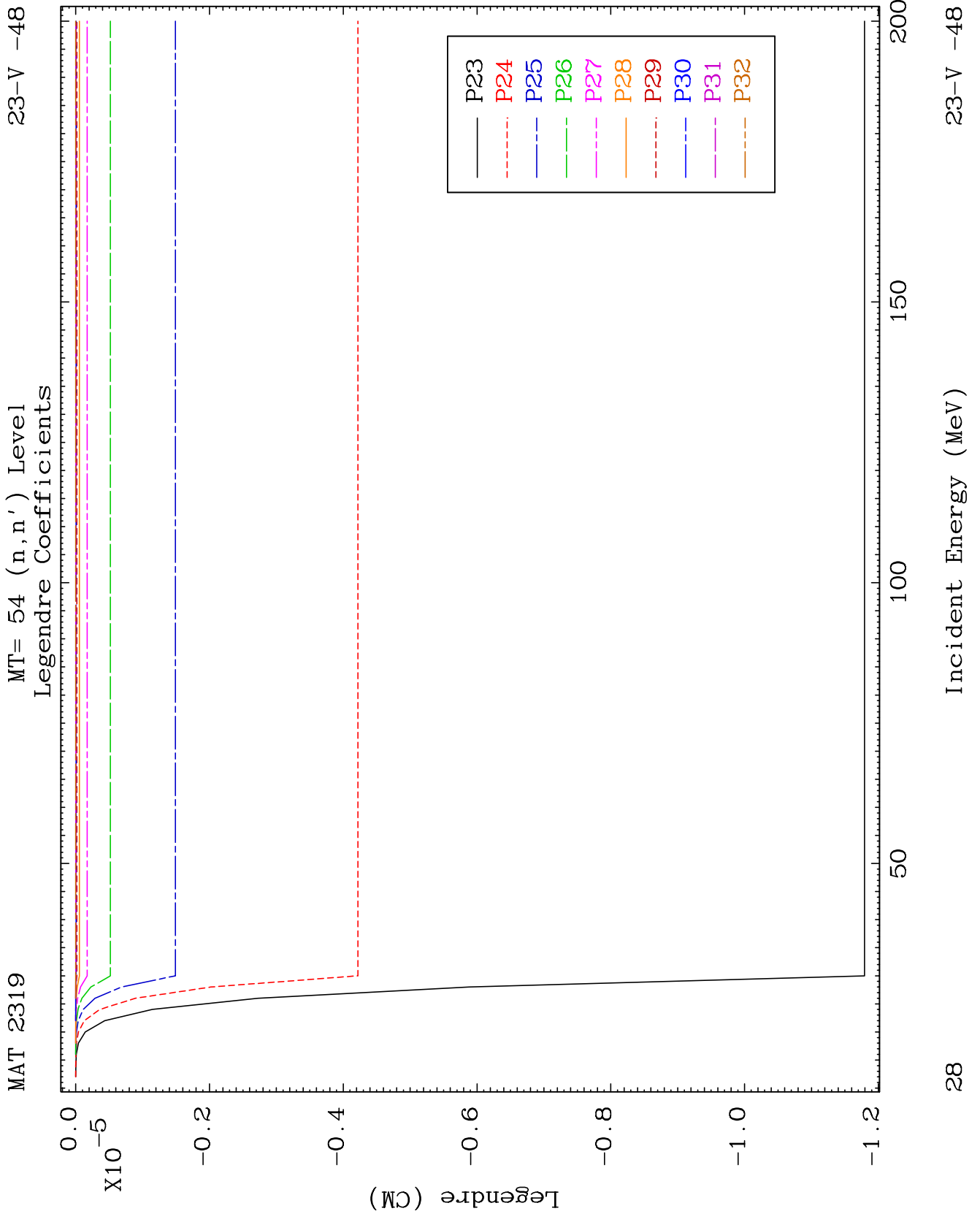
23-V -48



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Incident Energy (MeV)

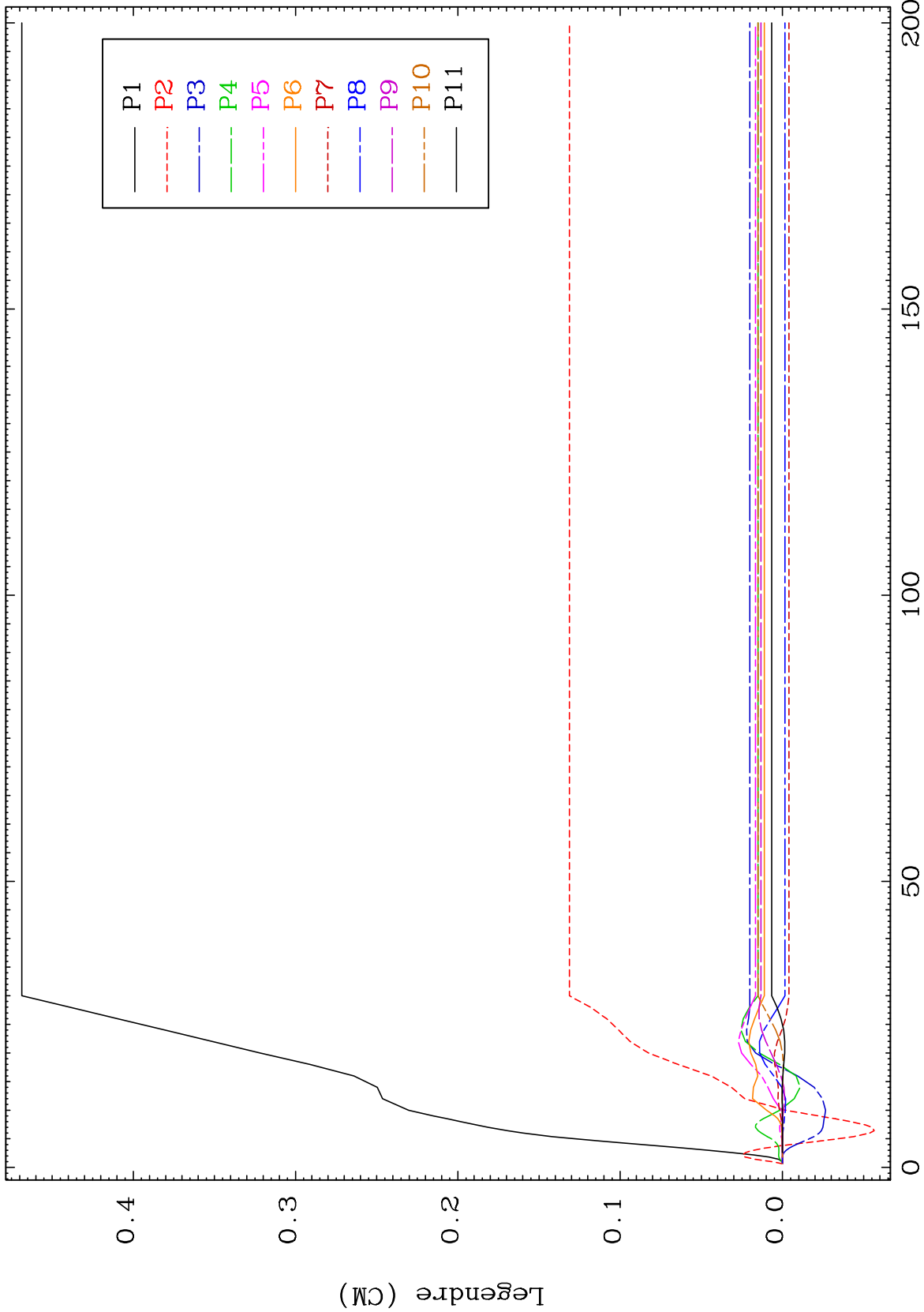
23-V -48



MAT 2319

MT= 55 (n,n') Level  
Legendre Coefficients

23-V -48



29

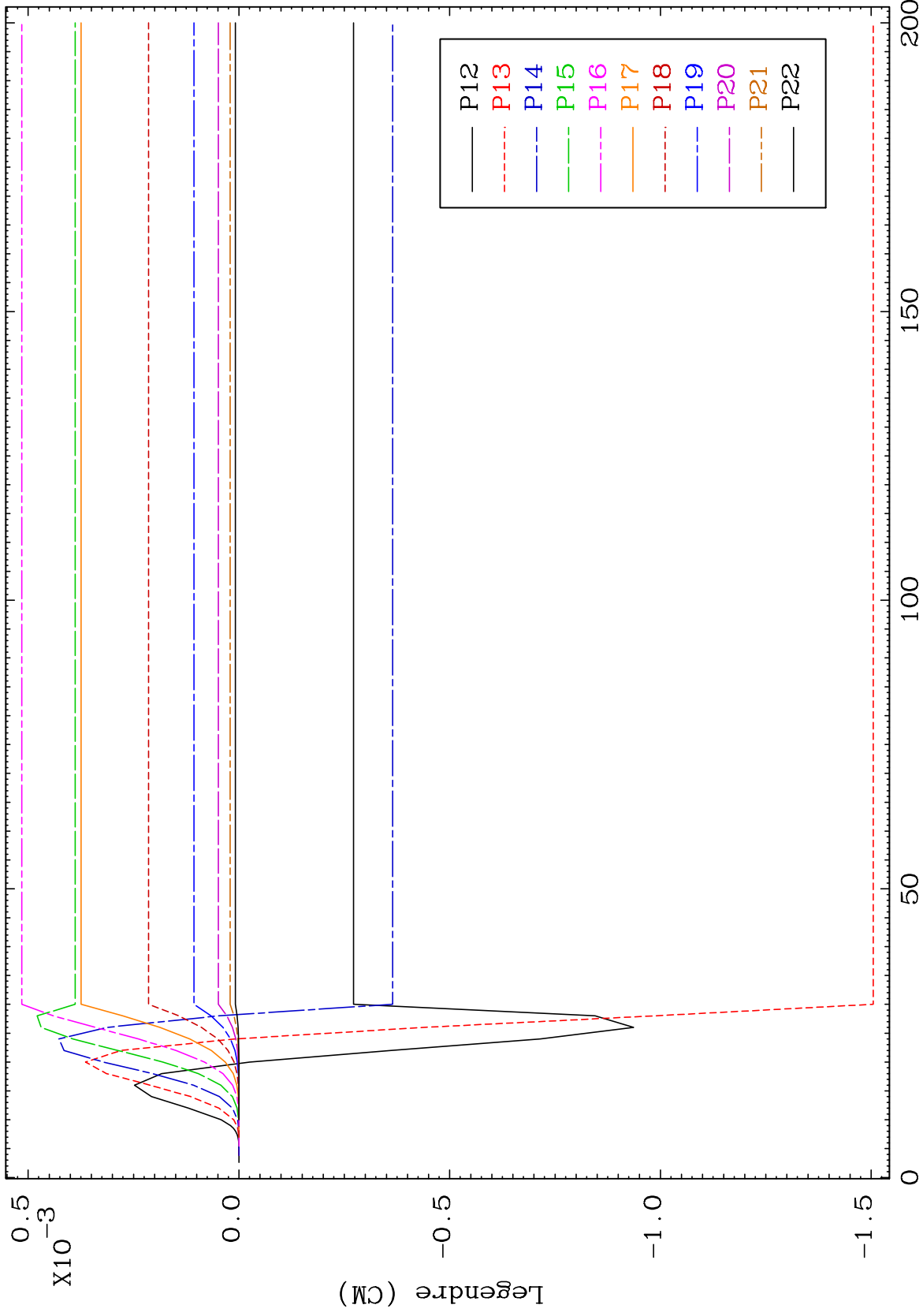
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 55 (n,n') Level  
Legendre Coefficients

23-V -48



30

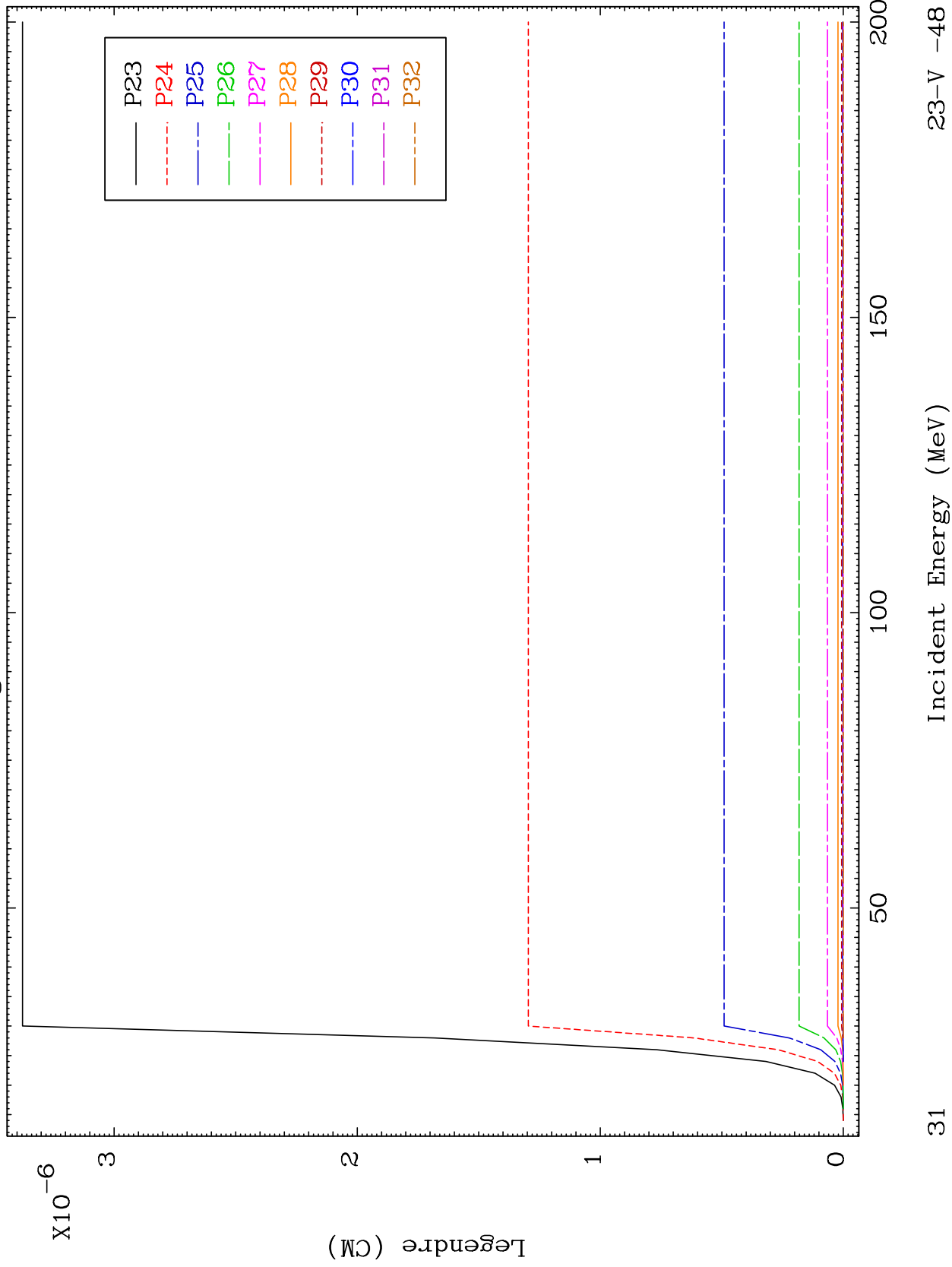
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 55 (n,n') Level  
Legendre Coefficients

23-V -48

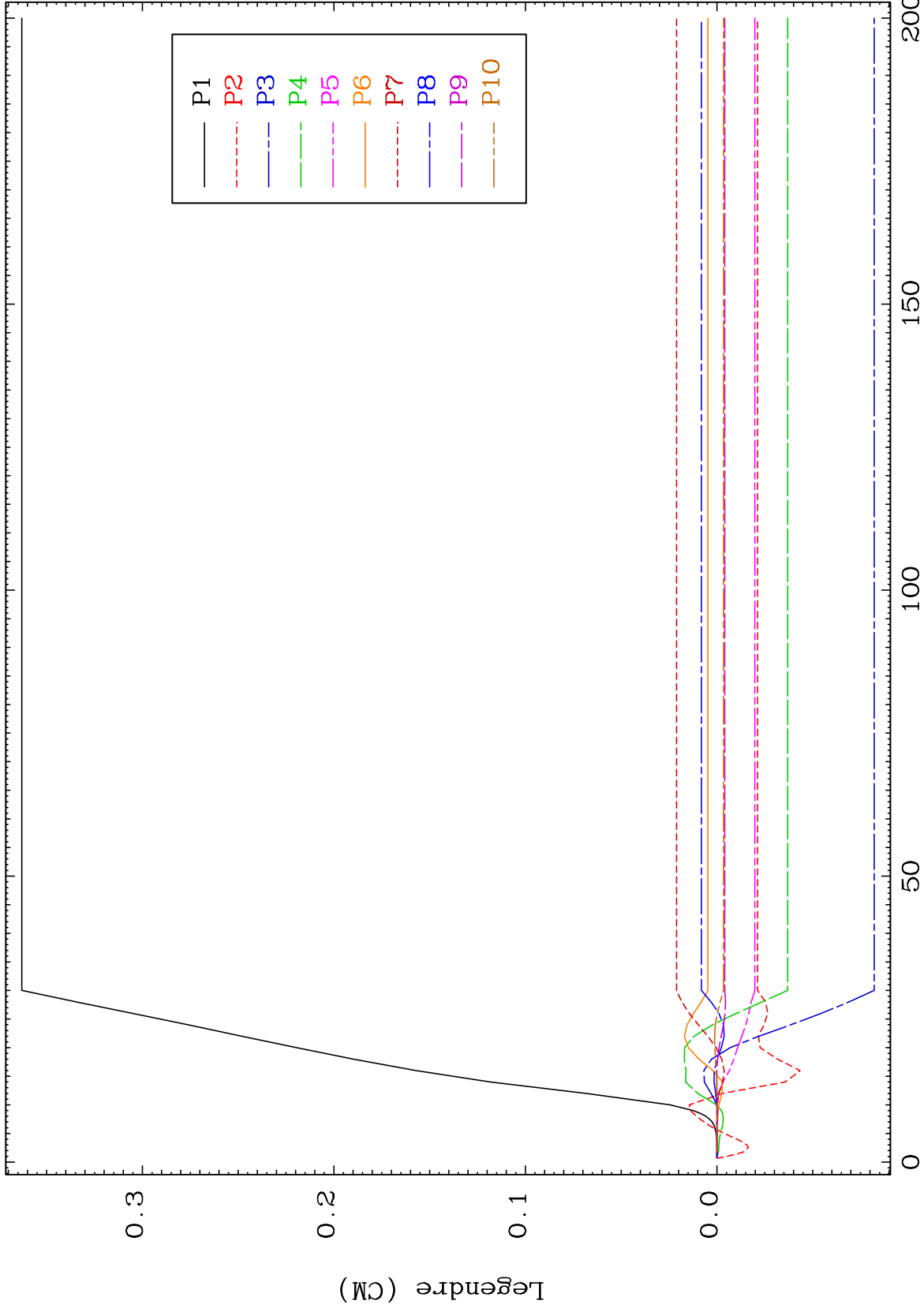




MAT 2319

MT= 56 (n,n') Level  
Legendre Coefficients

23-V -48



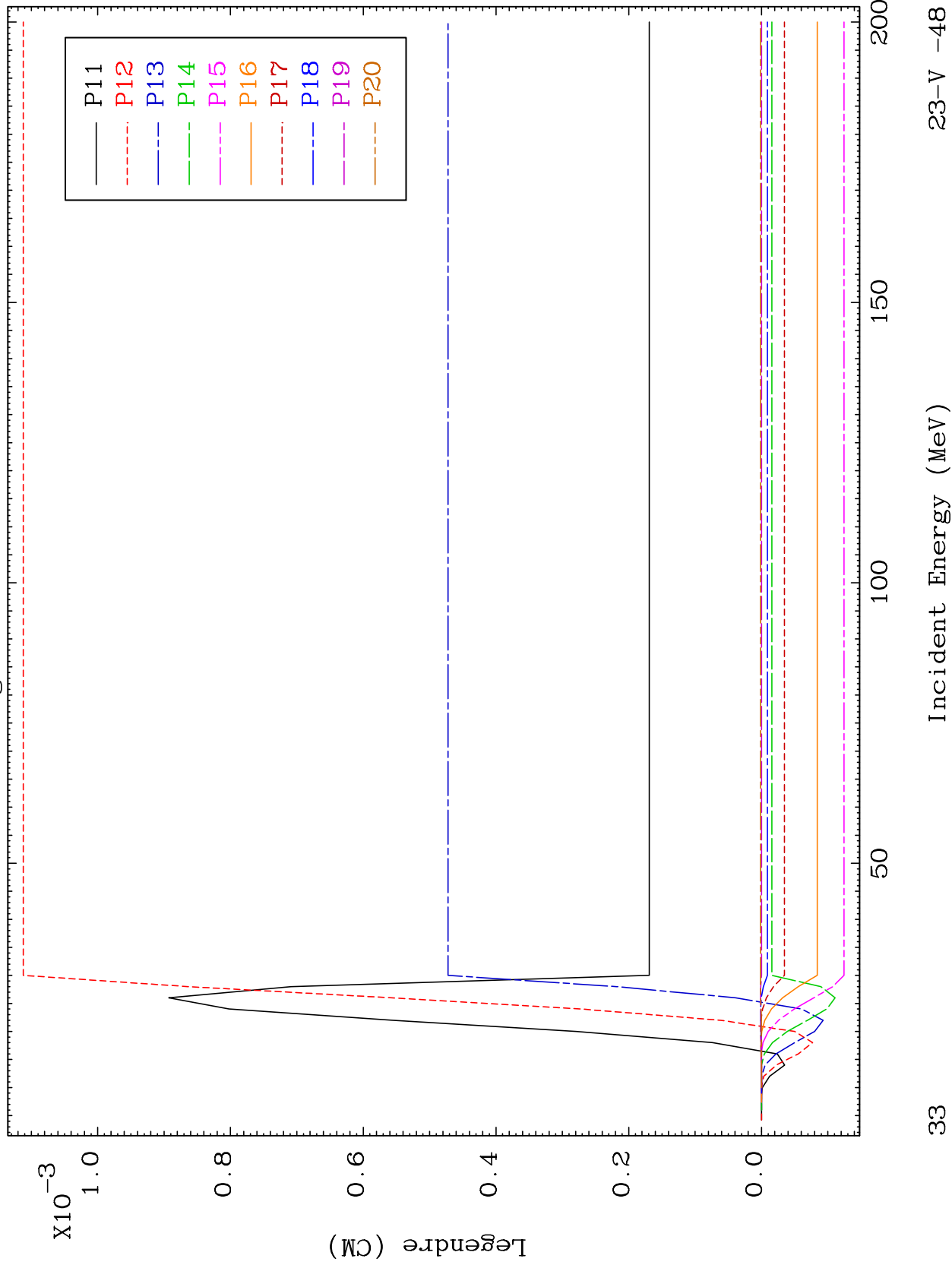
32

23-V -48

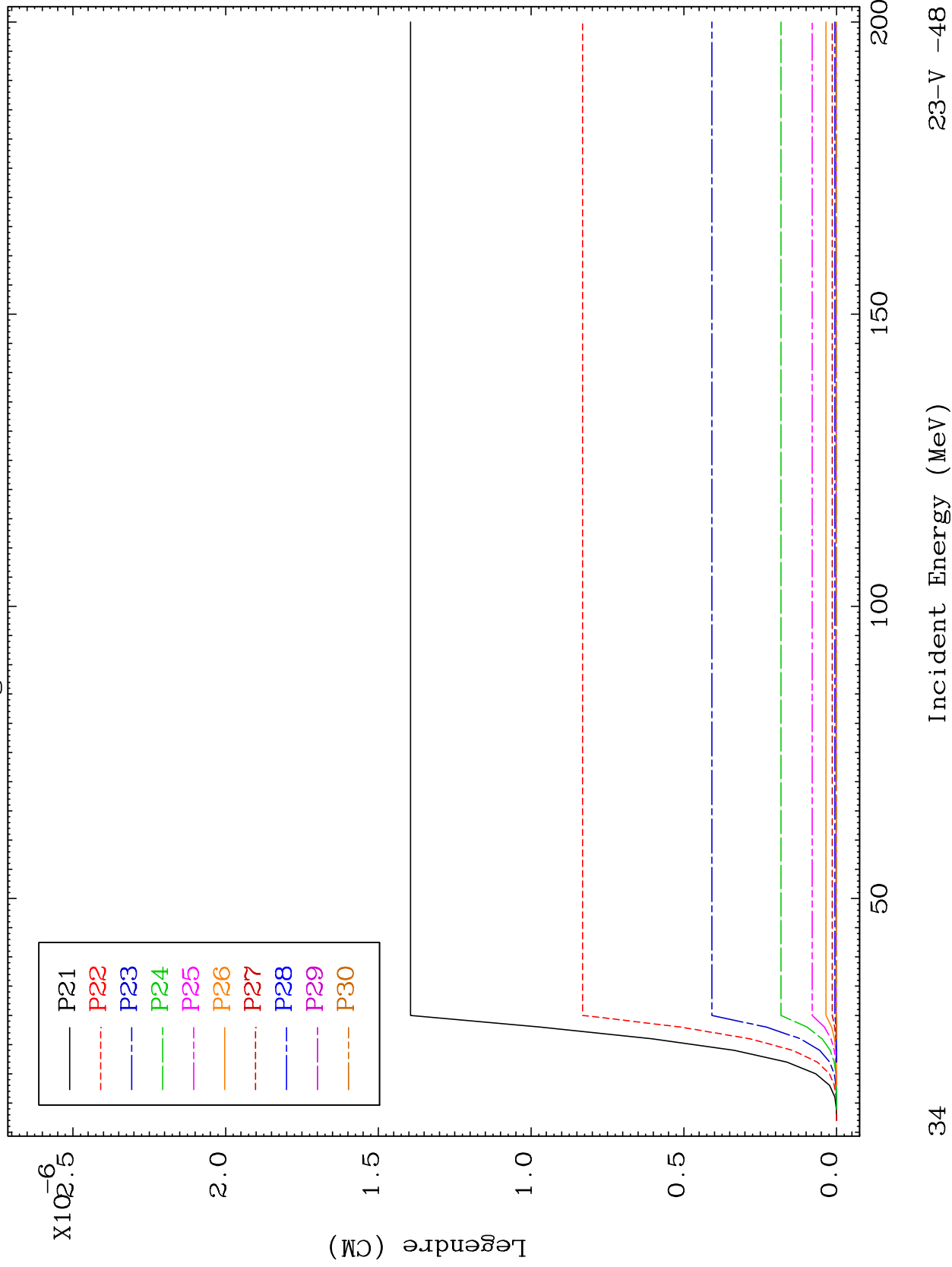
MAT 2319

MT= 56 (n,n') Level  
Legendre Coefficients

23-V -48



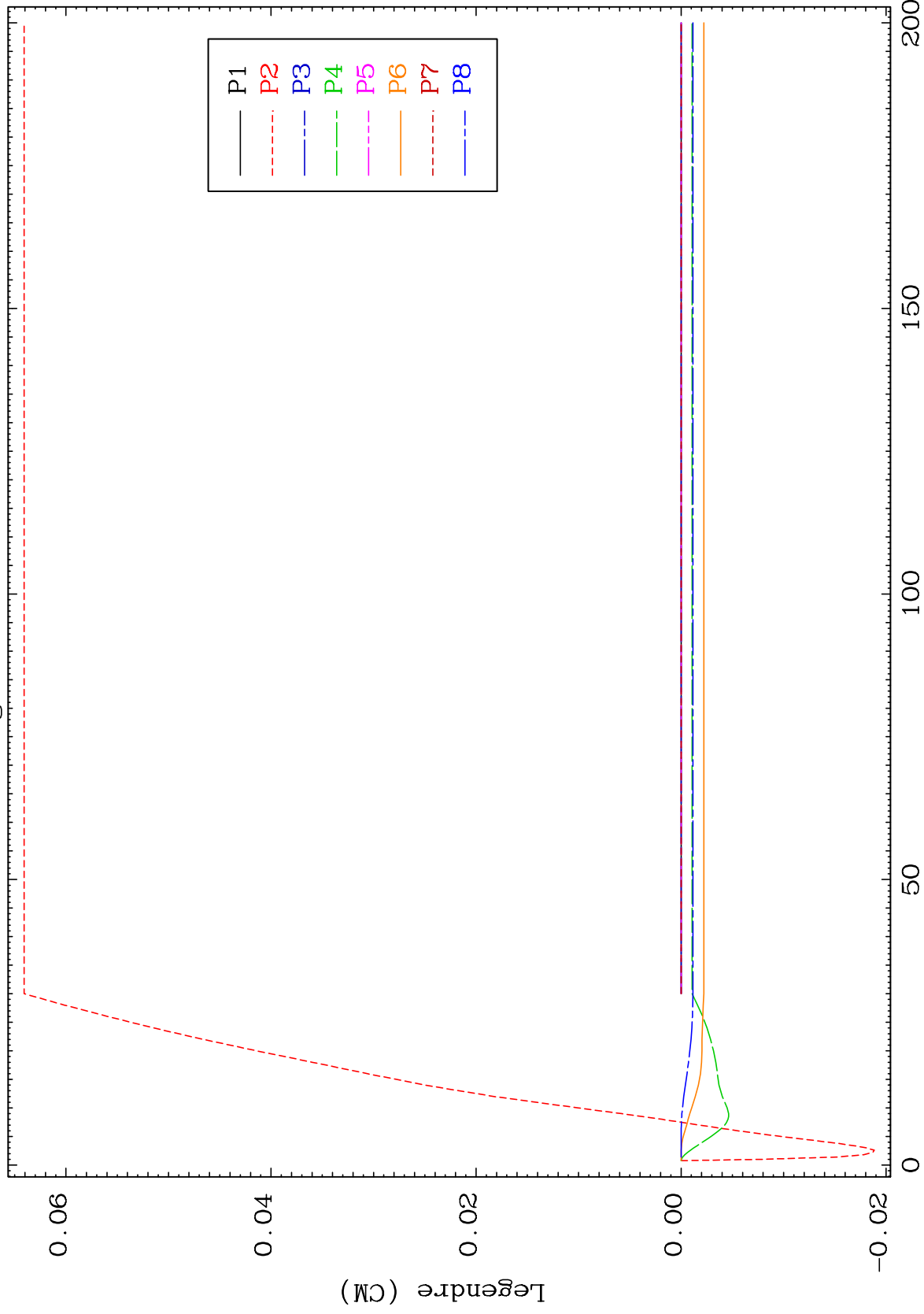
33



MAT 2319

MT= 57 (n,n') Level  
Legendre Coefficients

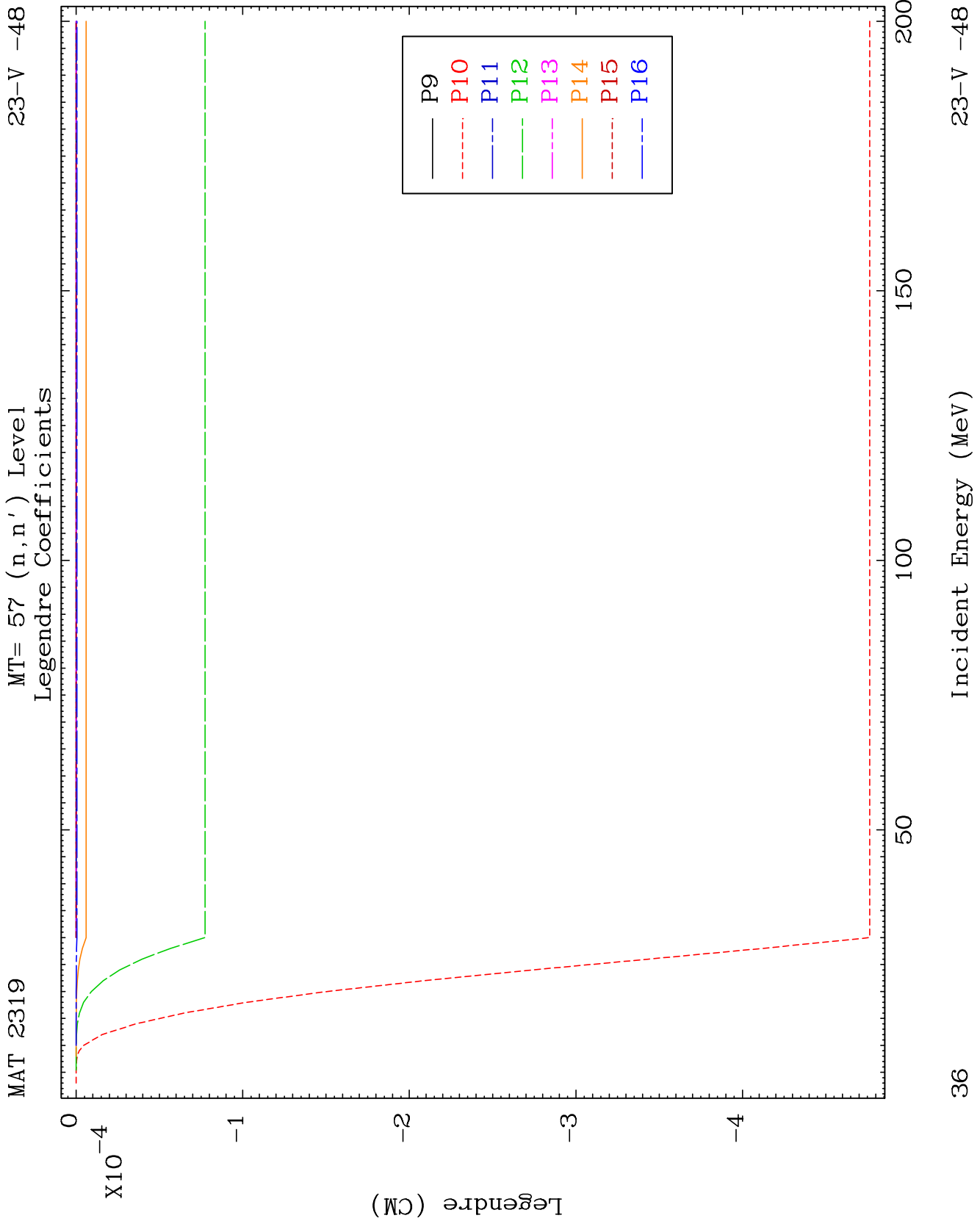
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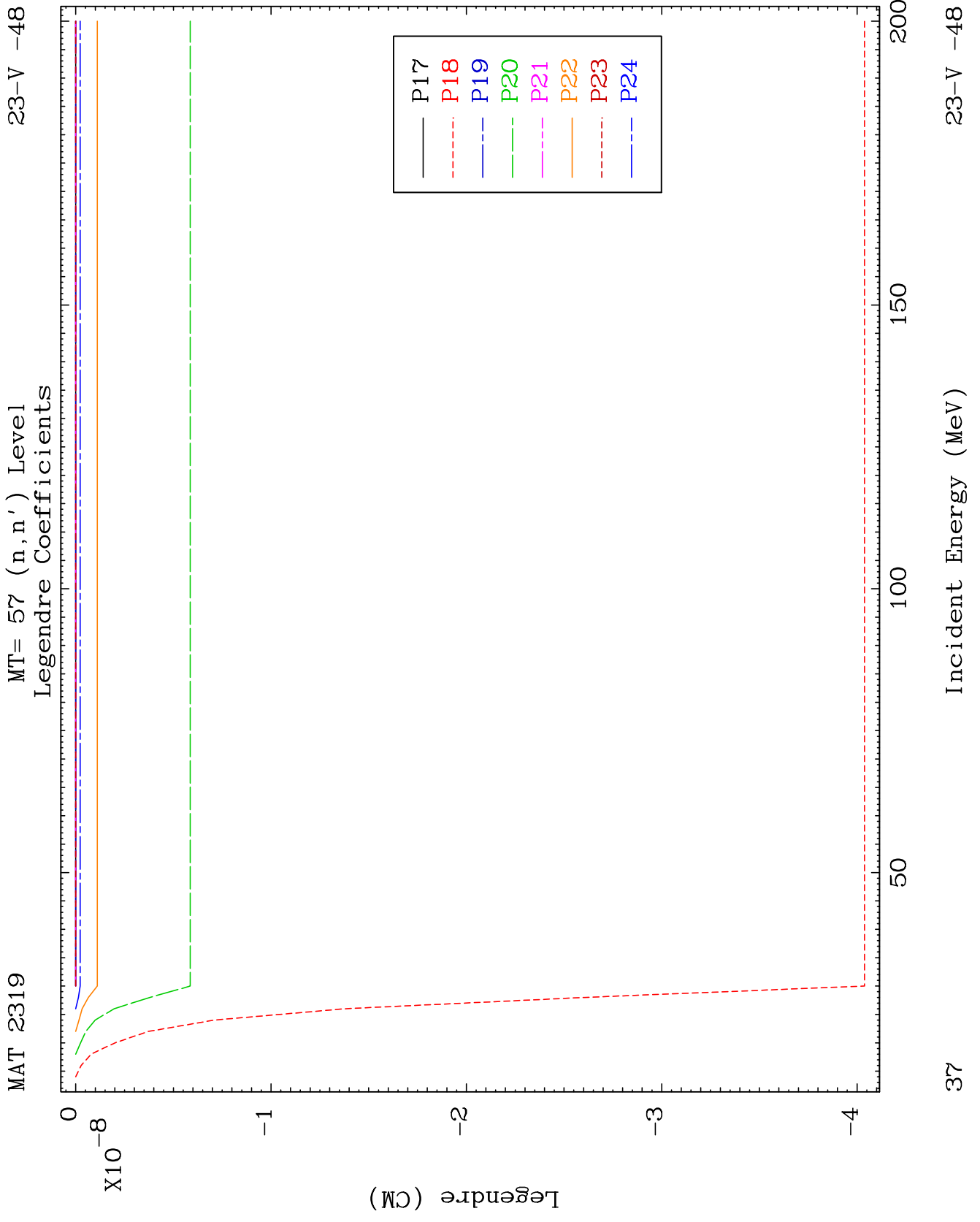


23-V -48

Incident Energy (MeV)

35



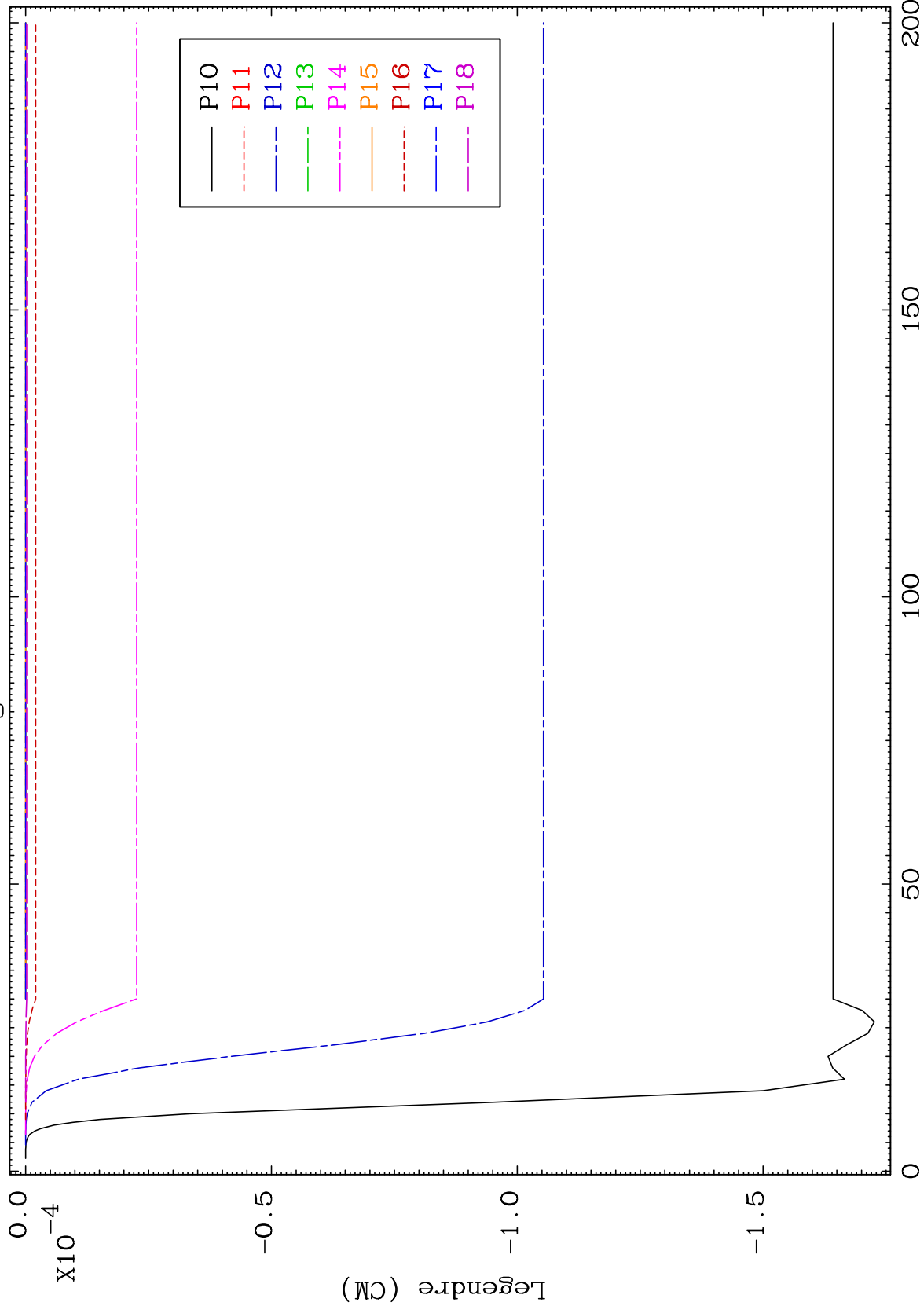




MAT 2319

MT= 58 (n,n') Level  
Legendre Coefficients

23-V -48



39

Incident Energy (MeV)

23-V -48

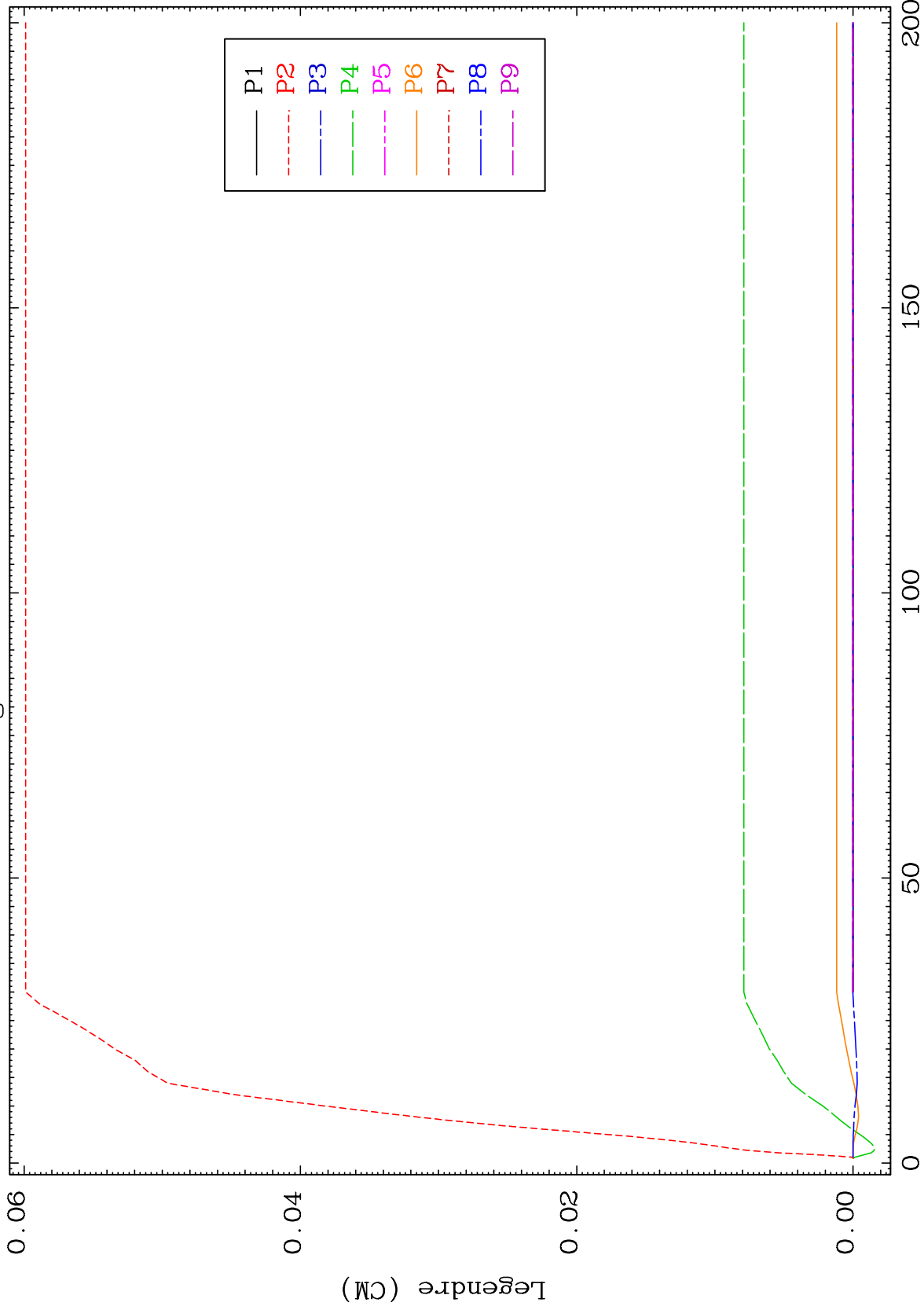




MAT 2319

MT= 59 (n,n') Level  
Legendre Coefficients

23-V -48

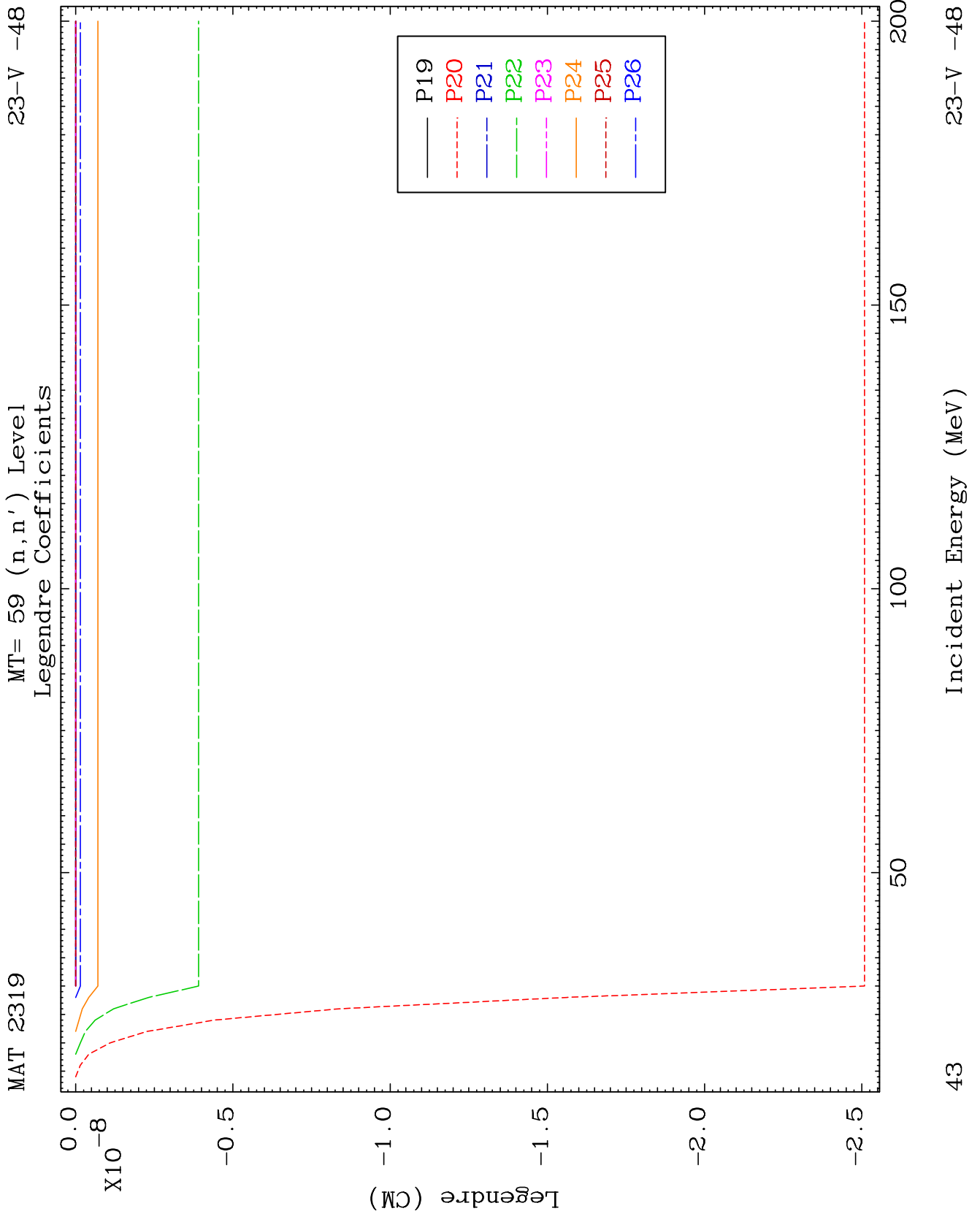


41

Incident Energy (MeV)

23-V -48

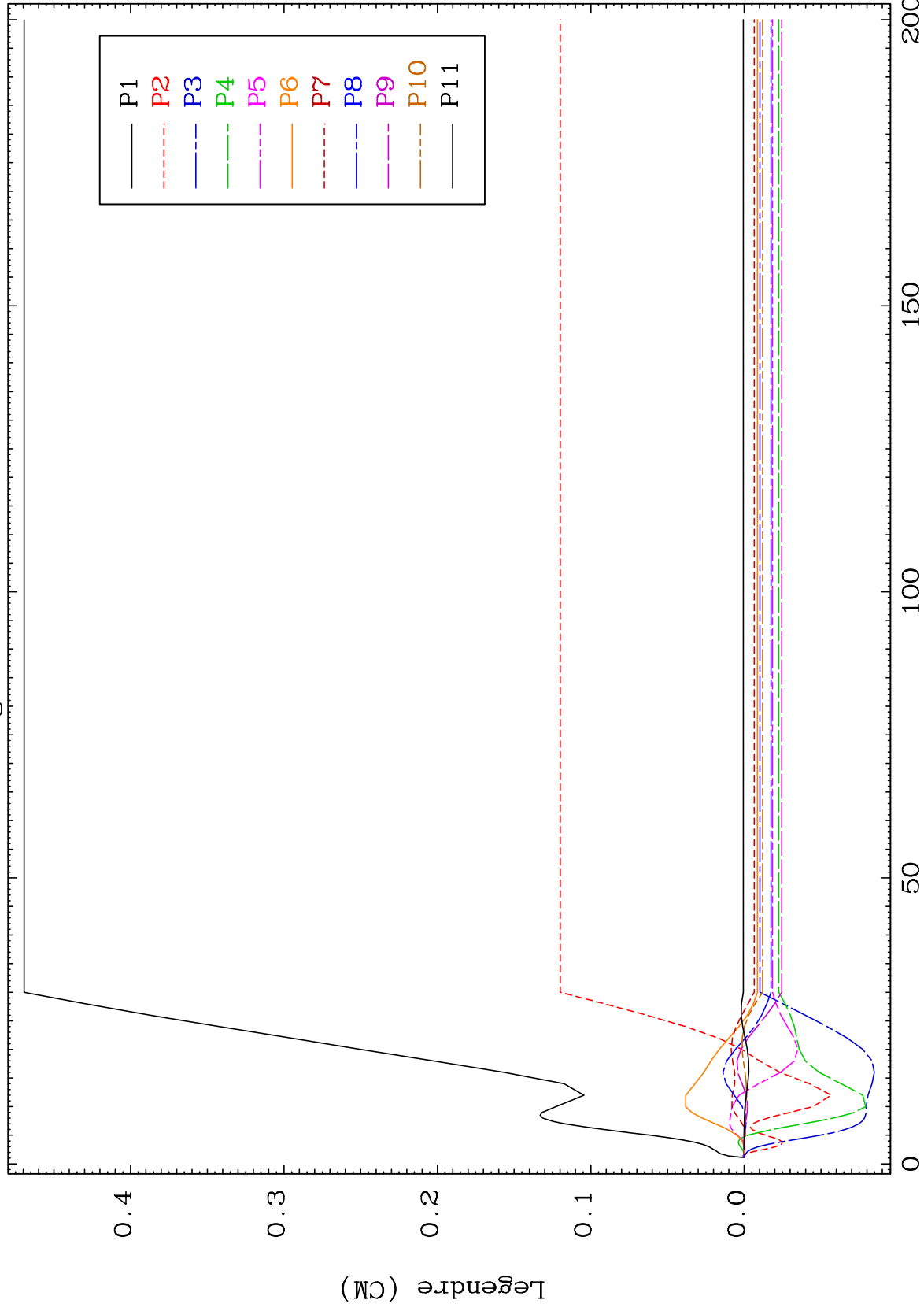




MAT 2319

MT= 60 (n,n') Level  
Legendre Coefficients

23-V -48



44

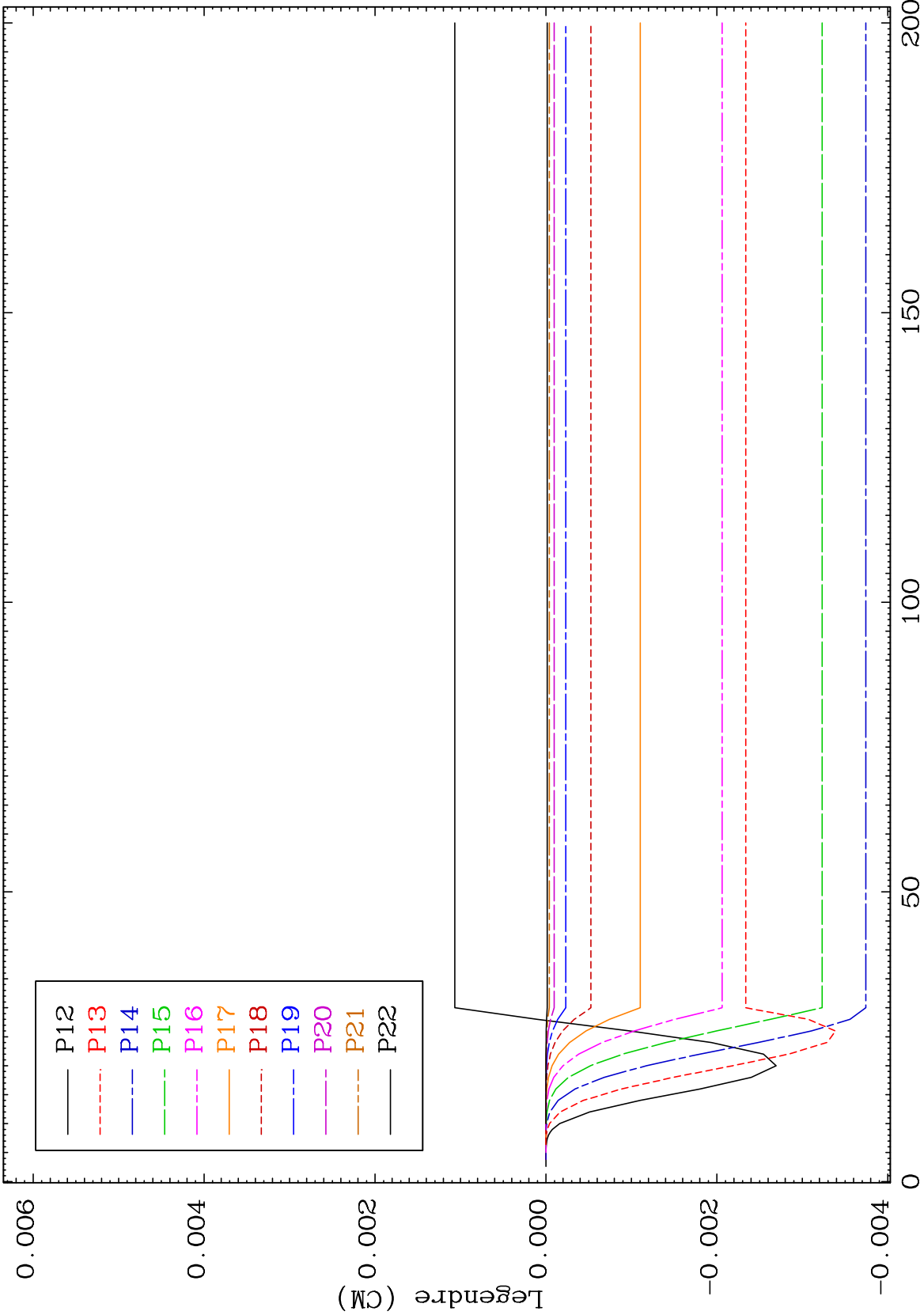
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 60 (n,n') Level  
Legendre Coefficients

23-V -48

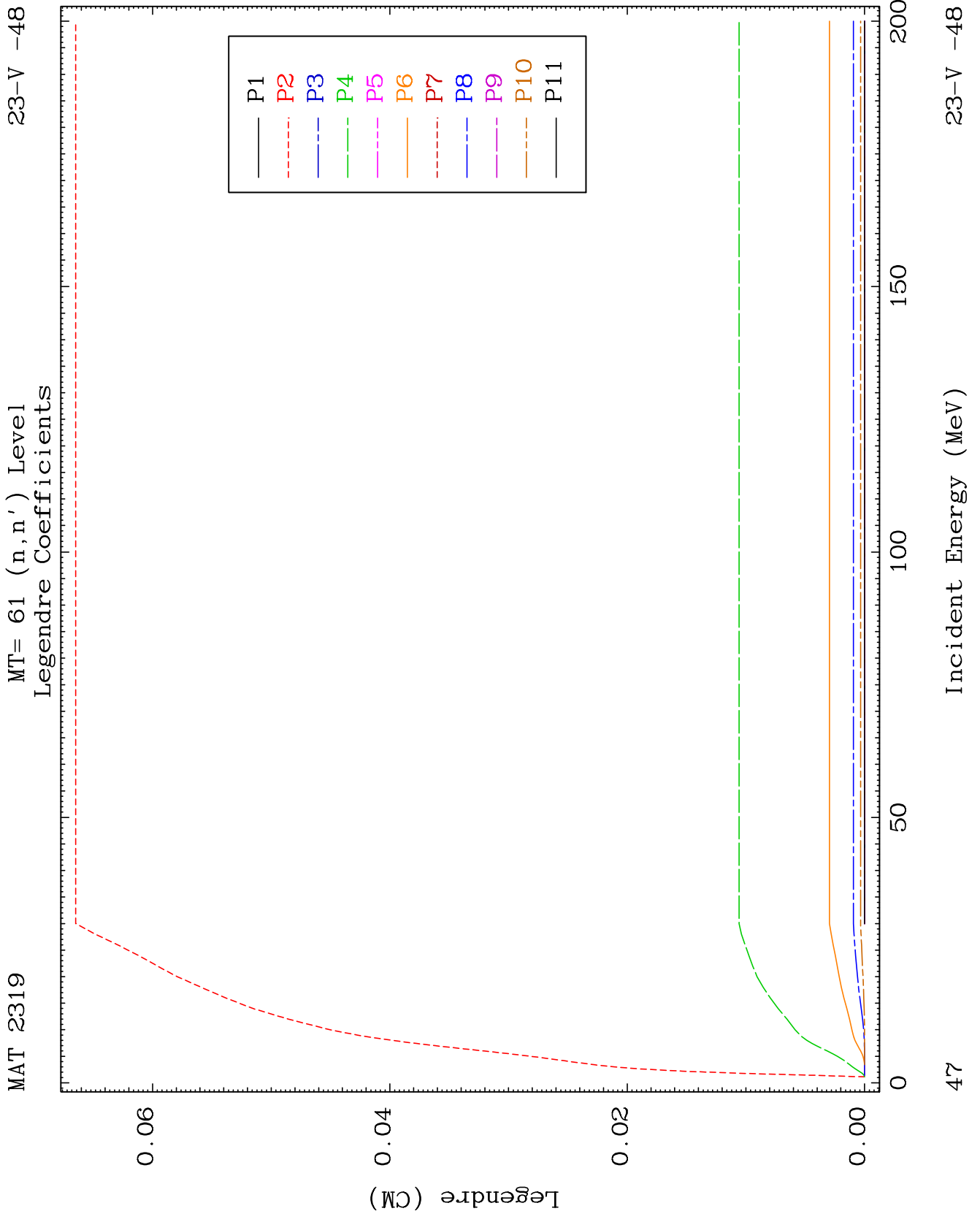


45

Incident Energy (MeV)

23-V -48



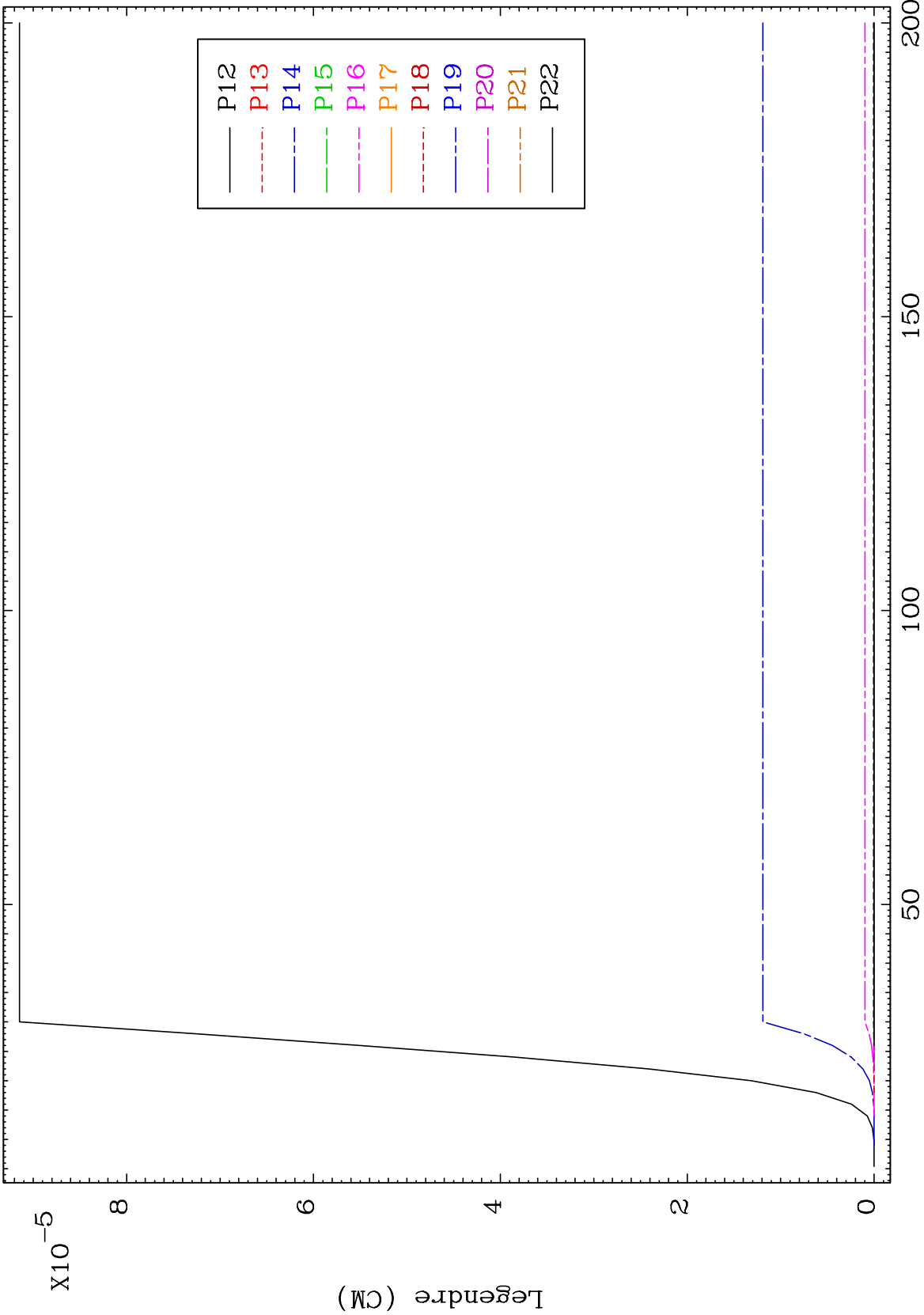




MAT 2319

MT= 61 (n,n') Level  
Legendre Coefficients

23-V -48



48

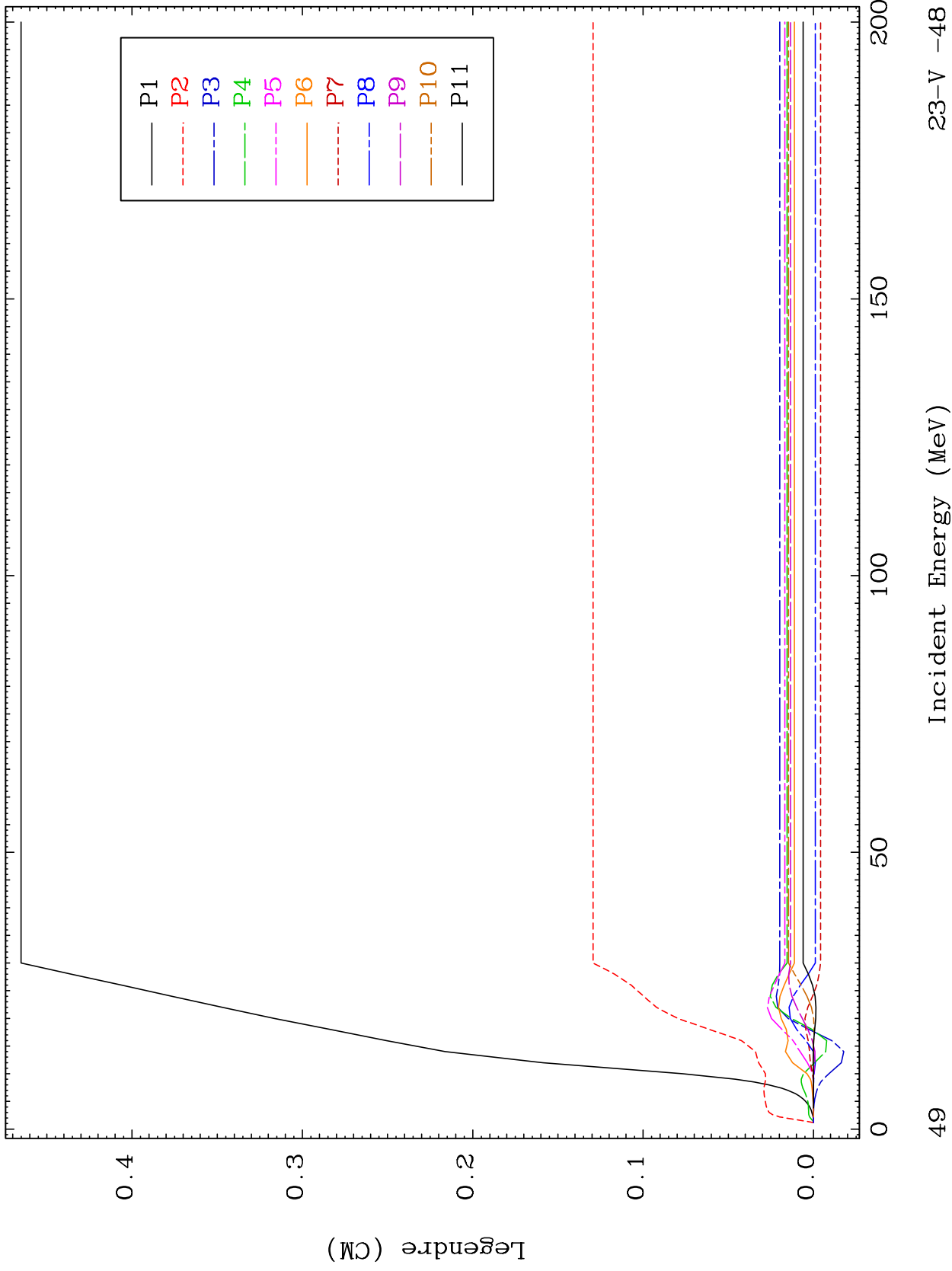
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 62 (n,n') Level  
Legendre Coefficients

23-V -48

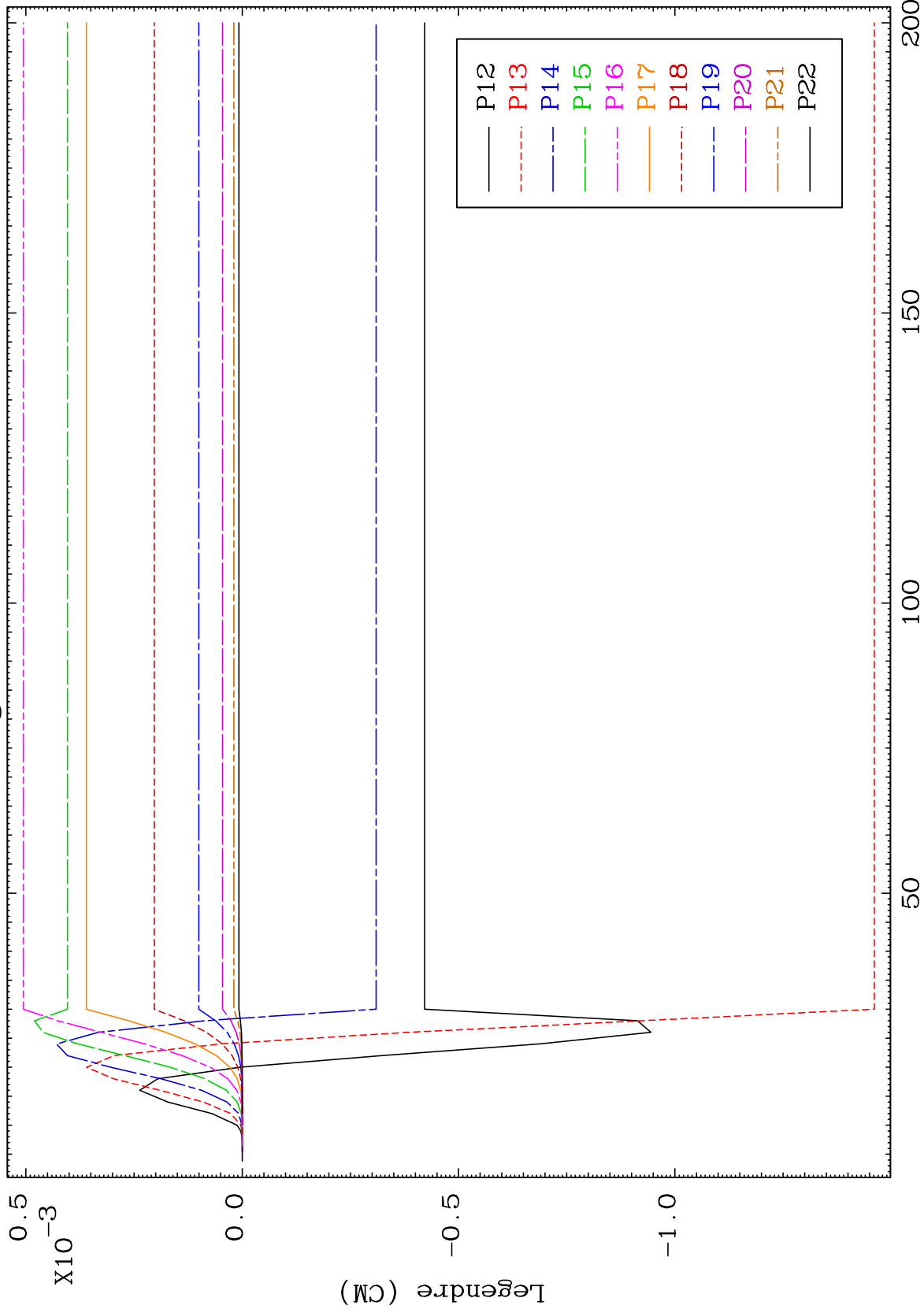


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MAT 2319

MT= 62 (n,n') Level  
Legendre Coefficients

23-V -48



50

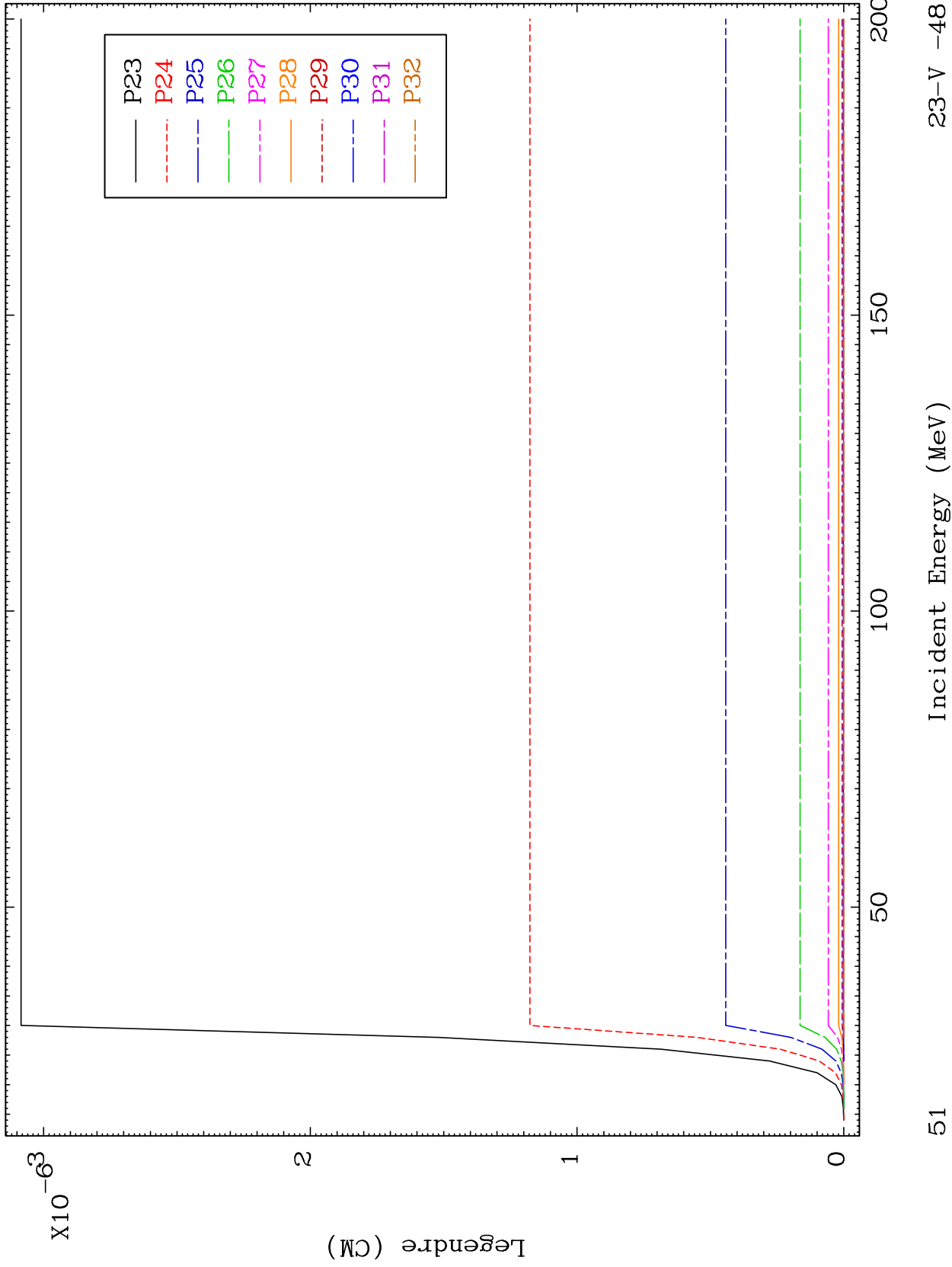
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 62 (n,n') Level  
Legendre Coefficients

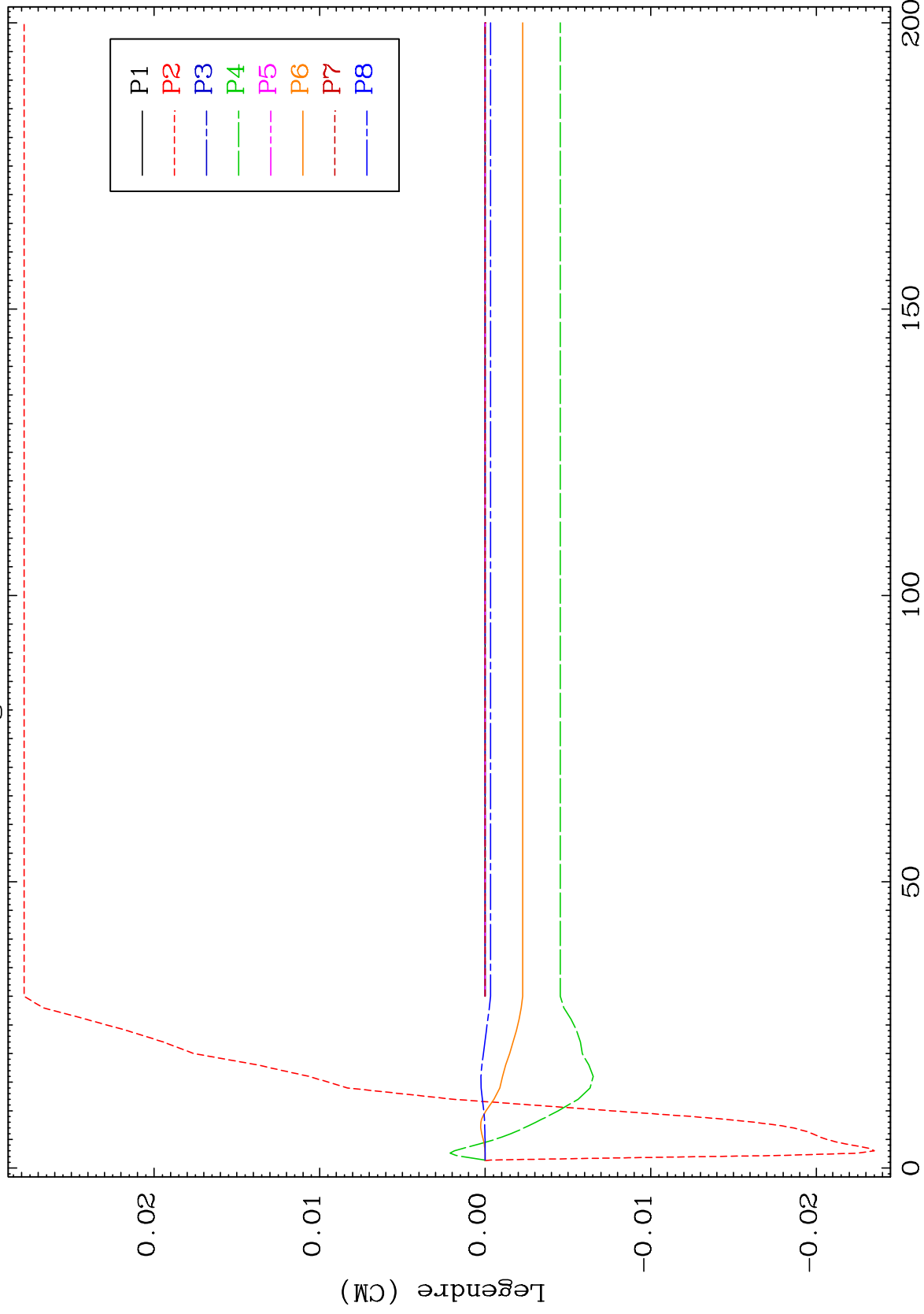
23-V -48



MAT 2319

MT= 63 (n,n') Level  
Legendre Coefficients

23-V -48



52

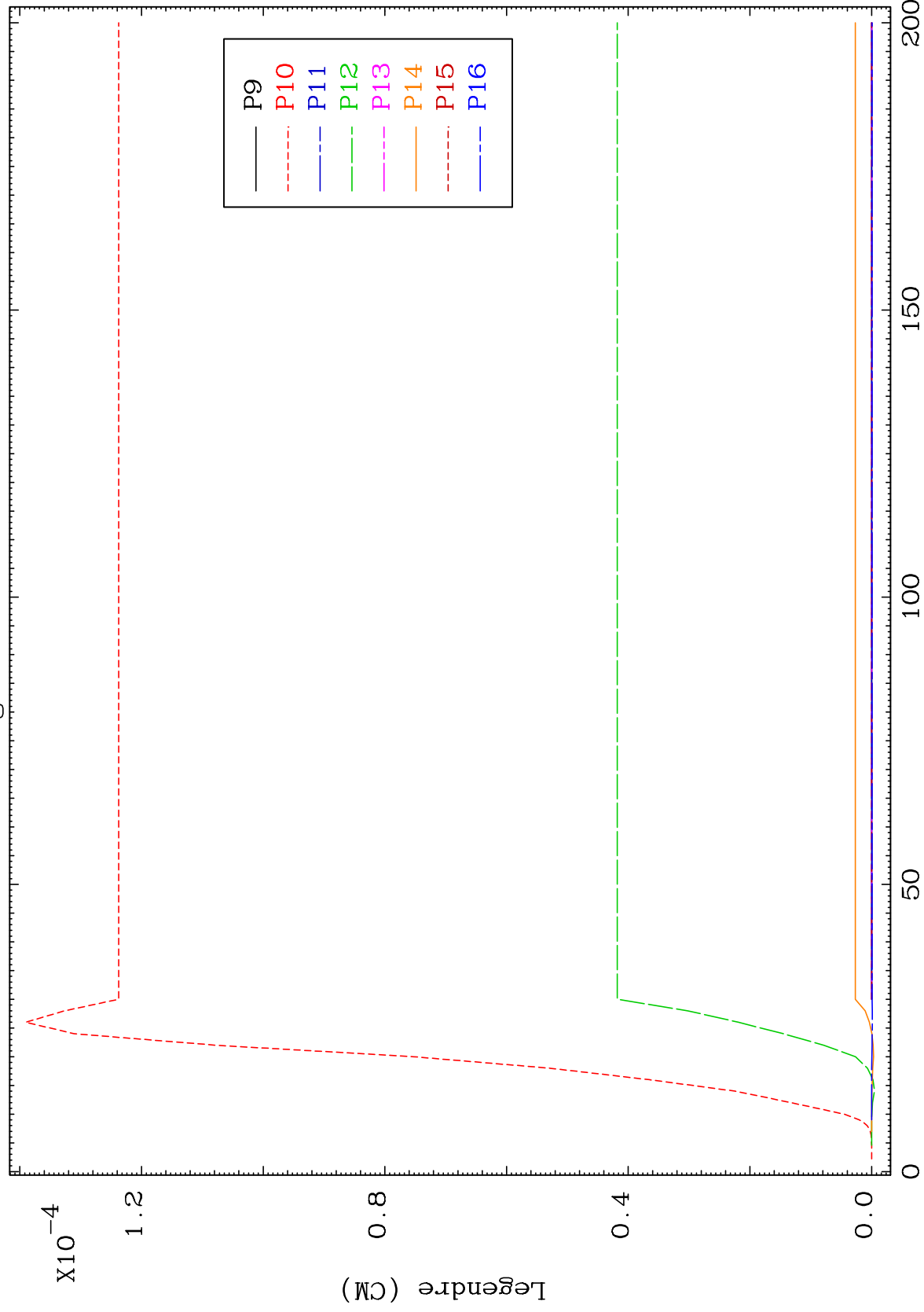
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 63 (n,n') Level  
Legendre Coefficients

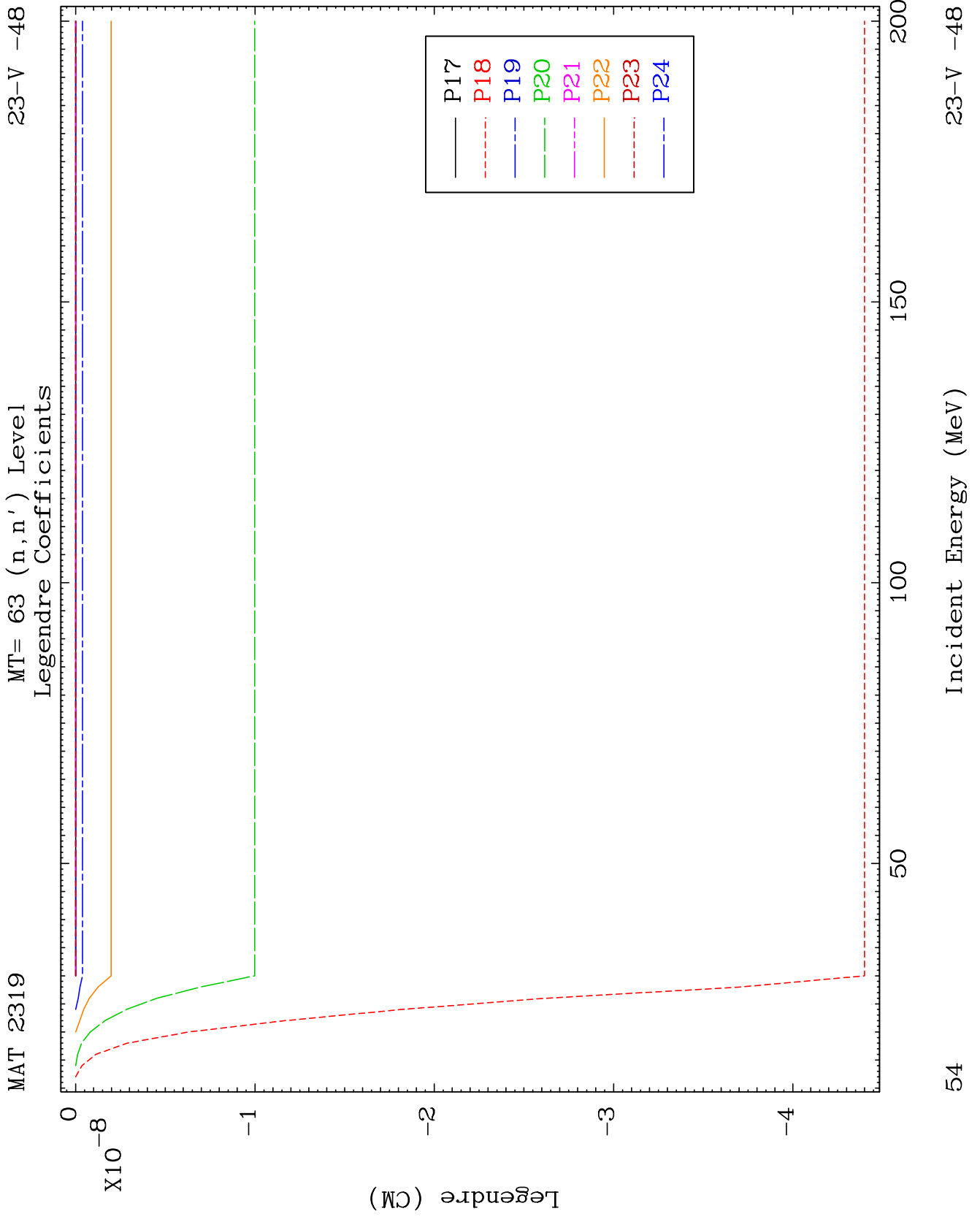
23-V -48



53

Incident Energy (MeV)

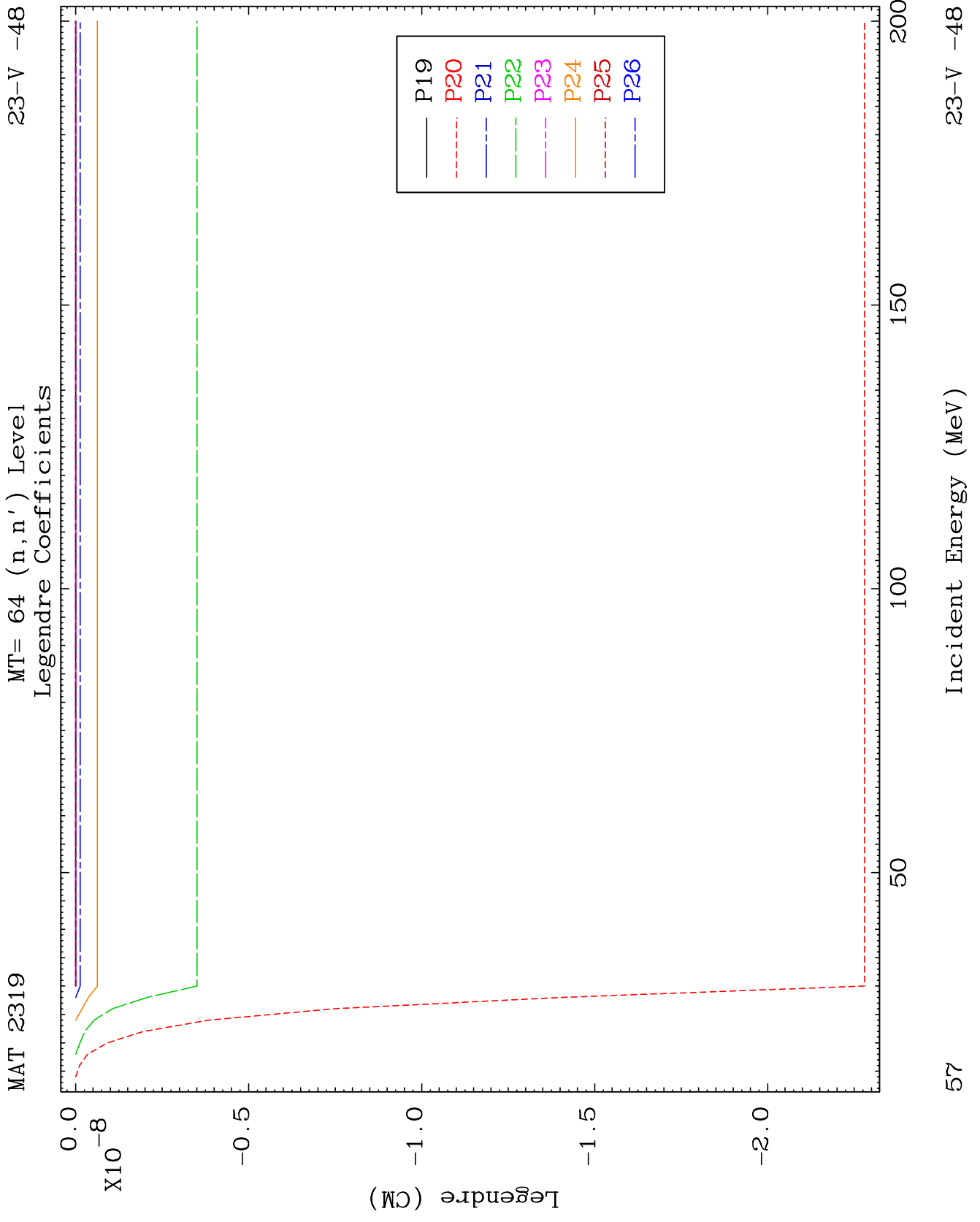
23-V -48







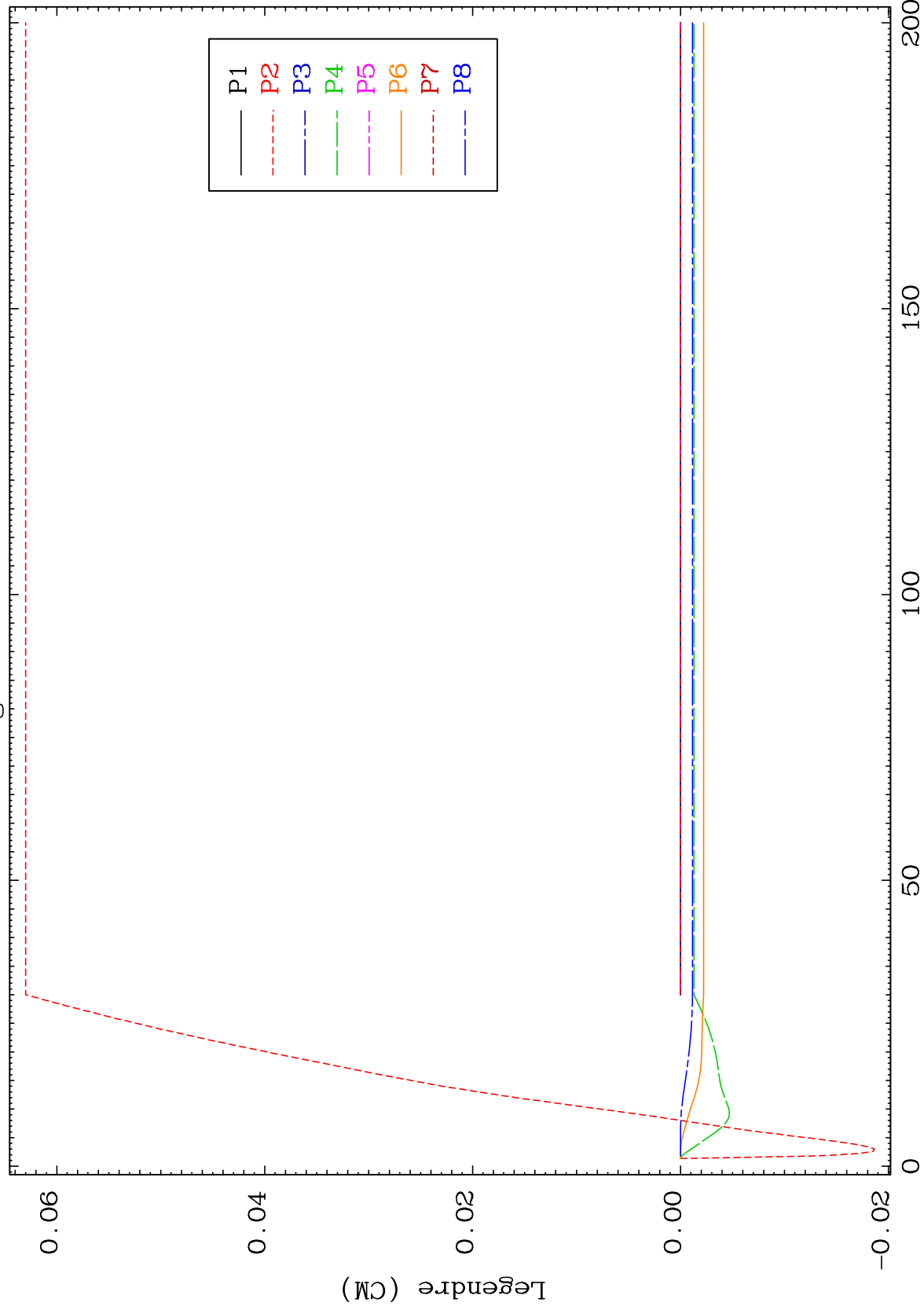




MAT 2319

MT= 65 (n,n') Level  
Legendre Coefficients

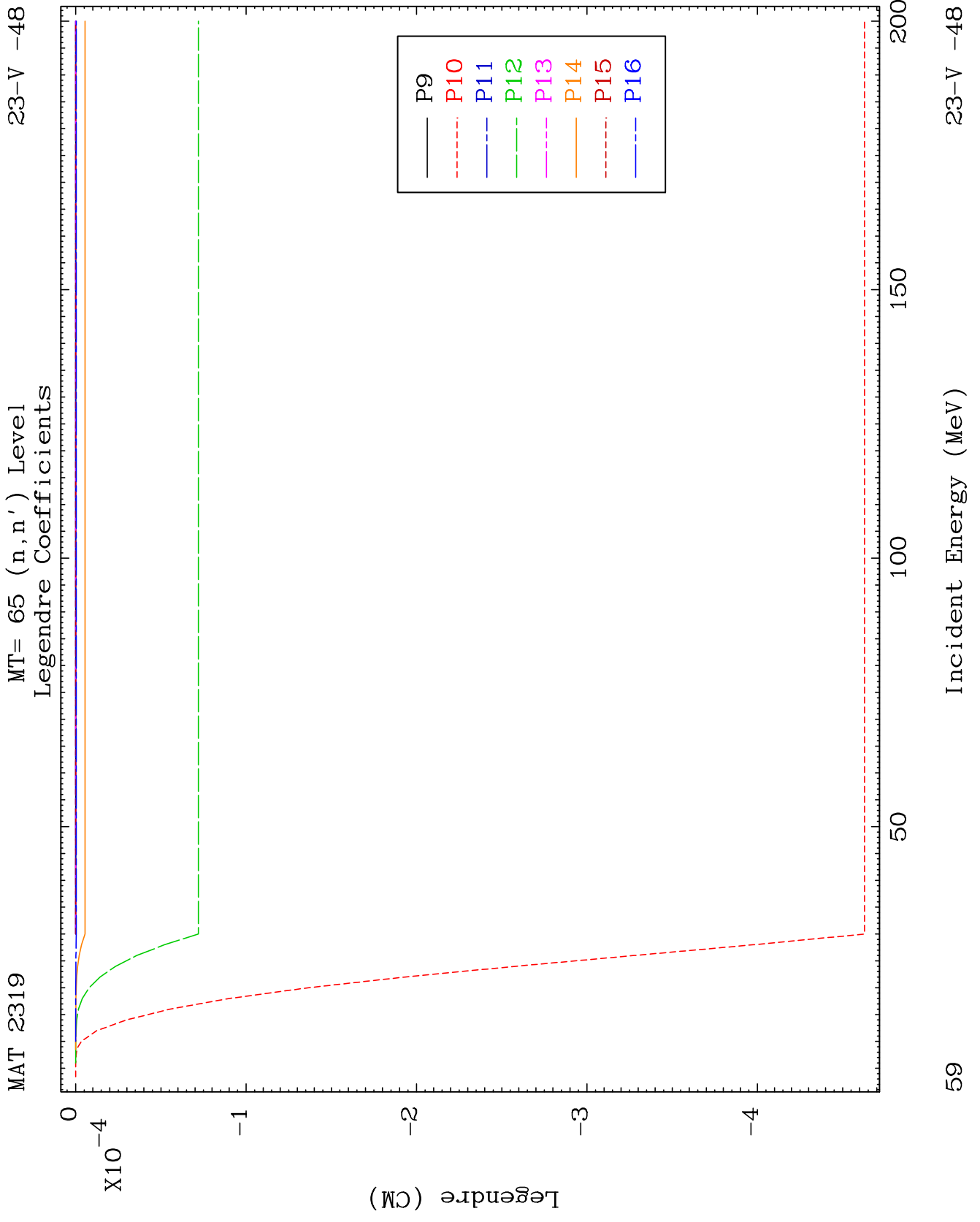
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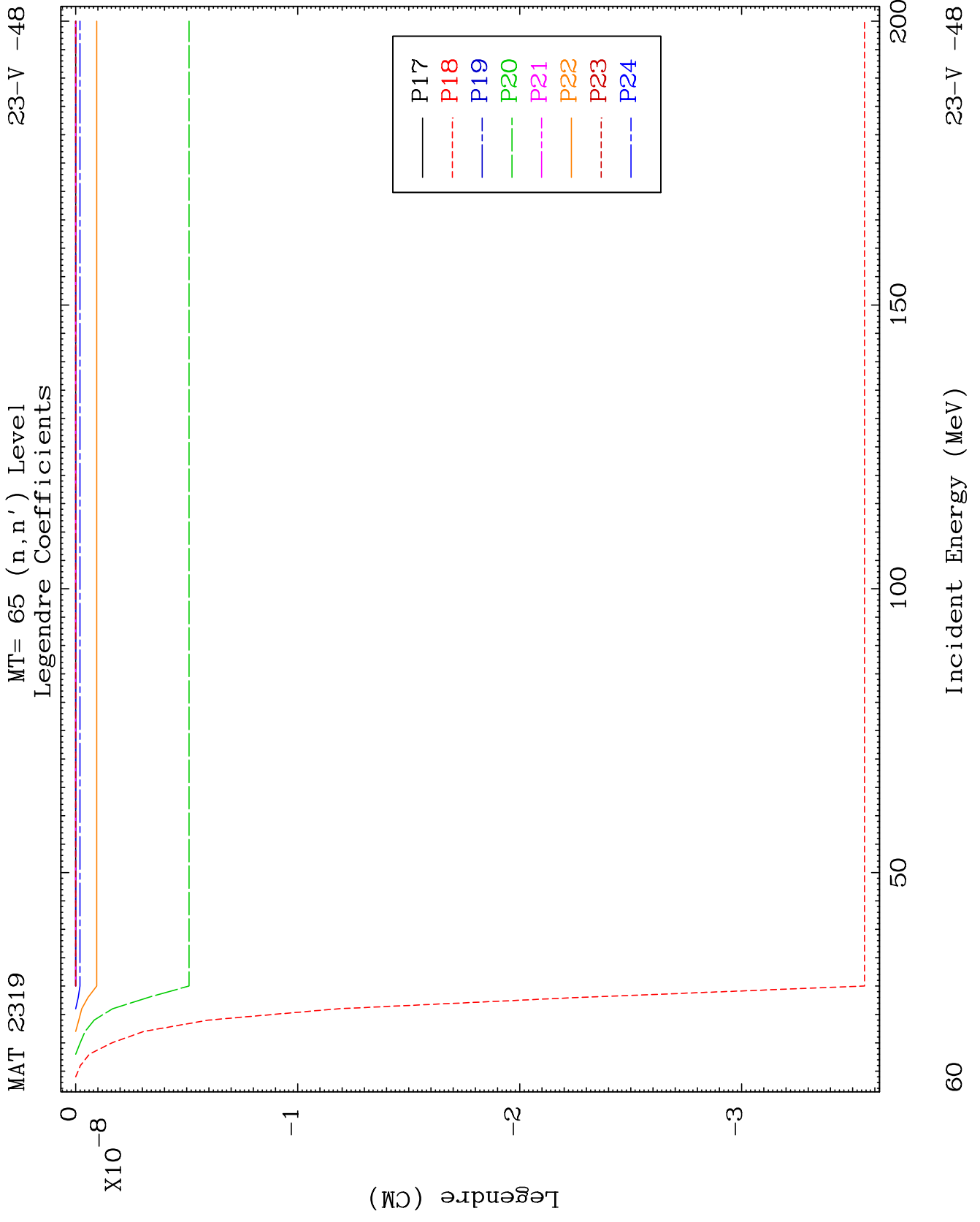


58

Incident Energy (MeV)

23-V -48

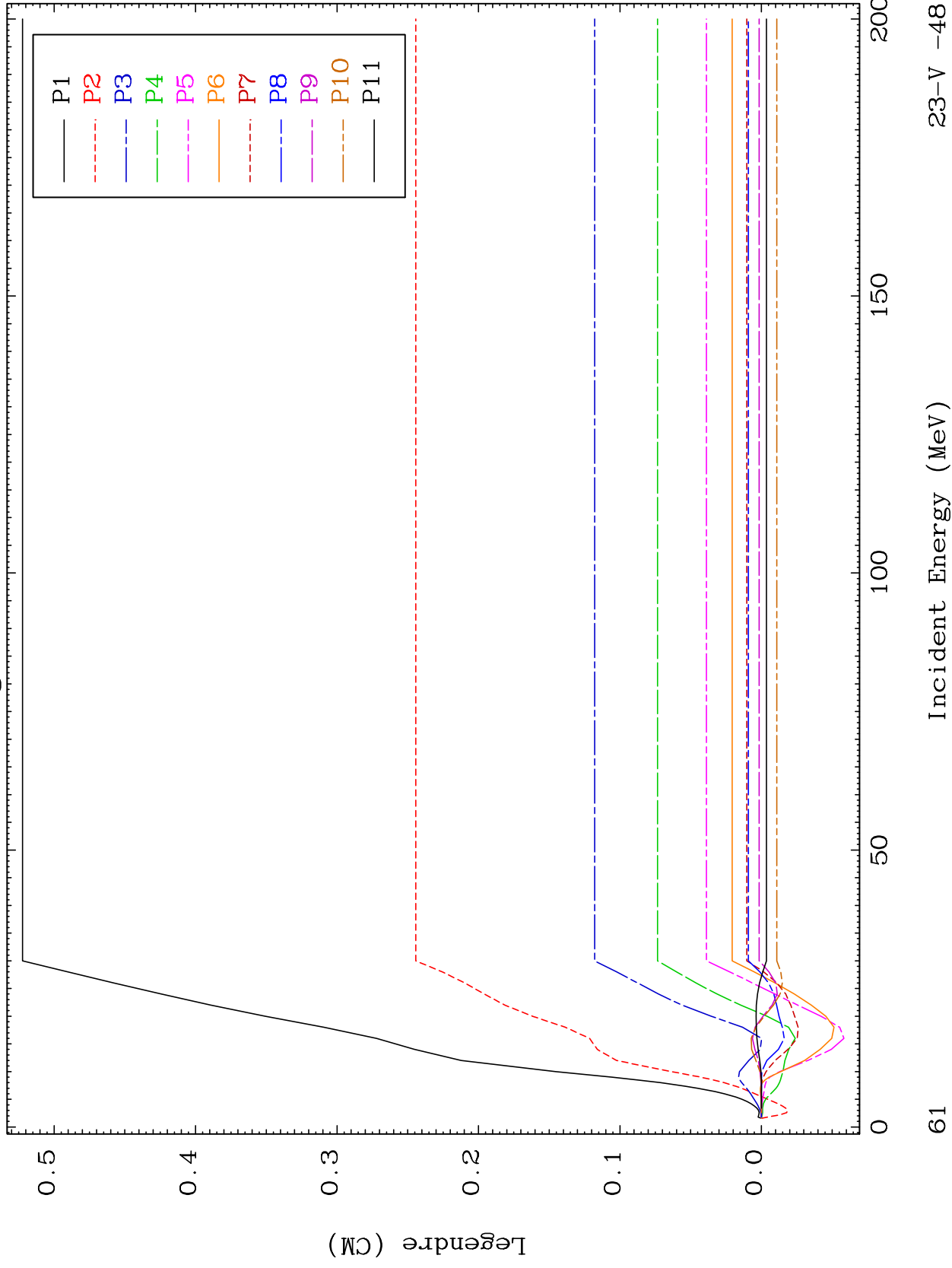




MAT 2319

MT= 66 (n,n') Level  
Legendre Coefficients

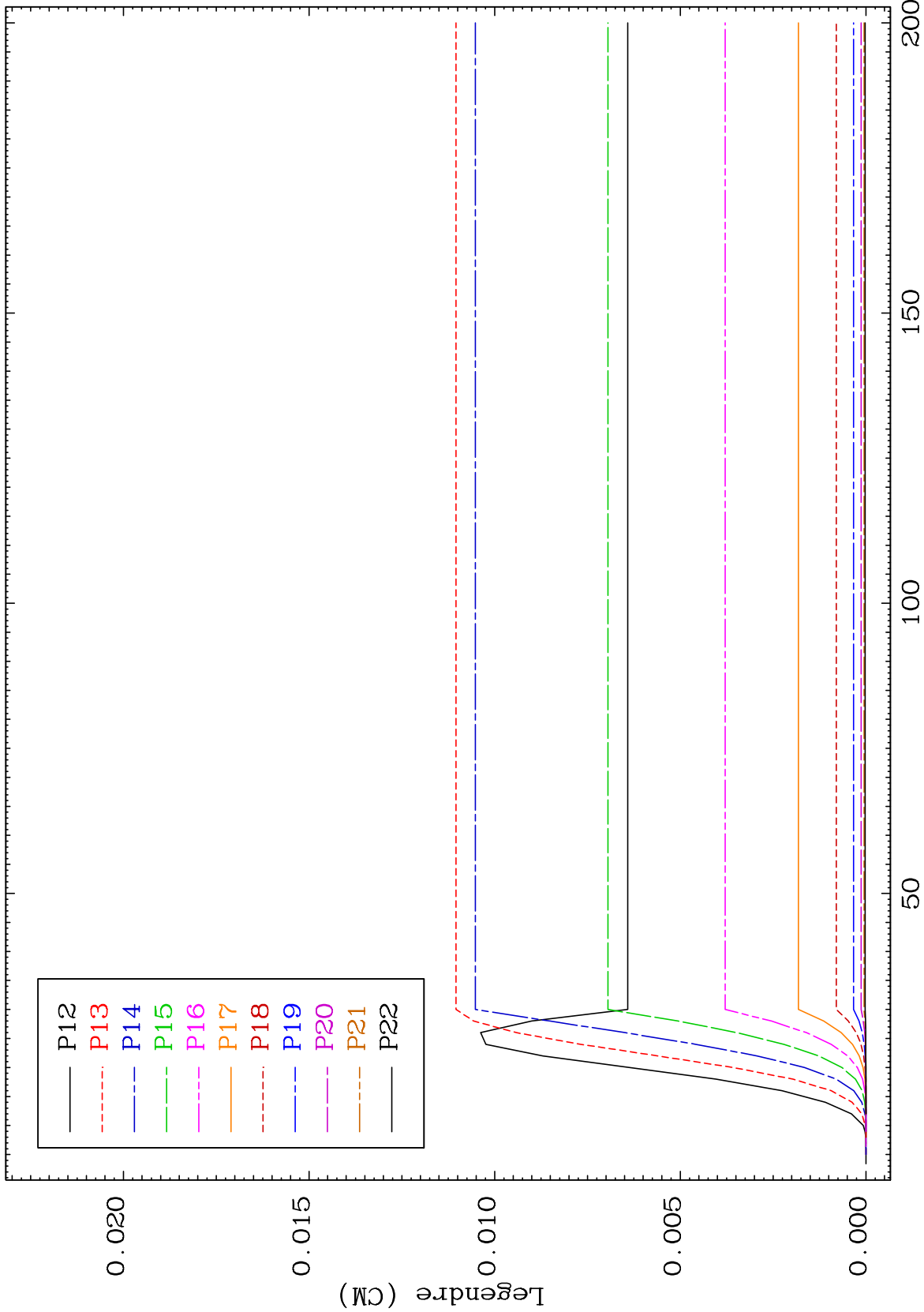
23-V -48



MAT 2319

MT= 66 (n,n') Level  
Legendre Coefficients

23-V -48



62

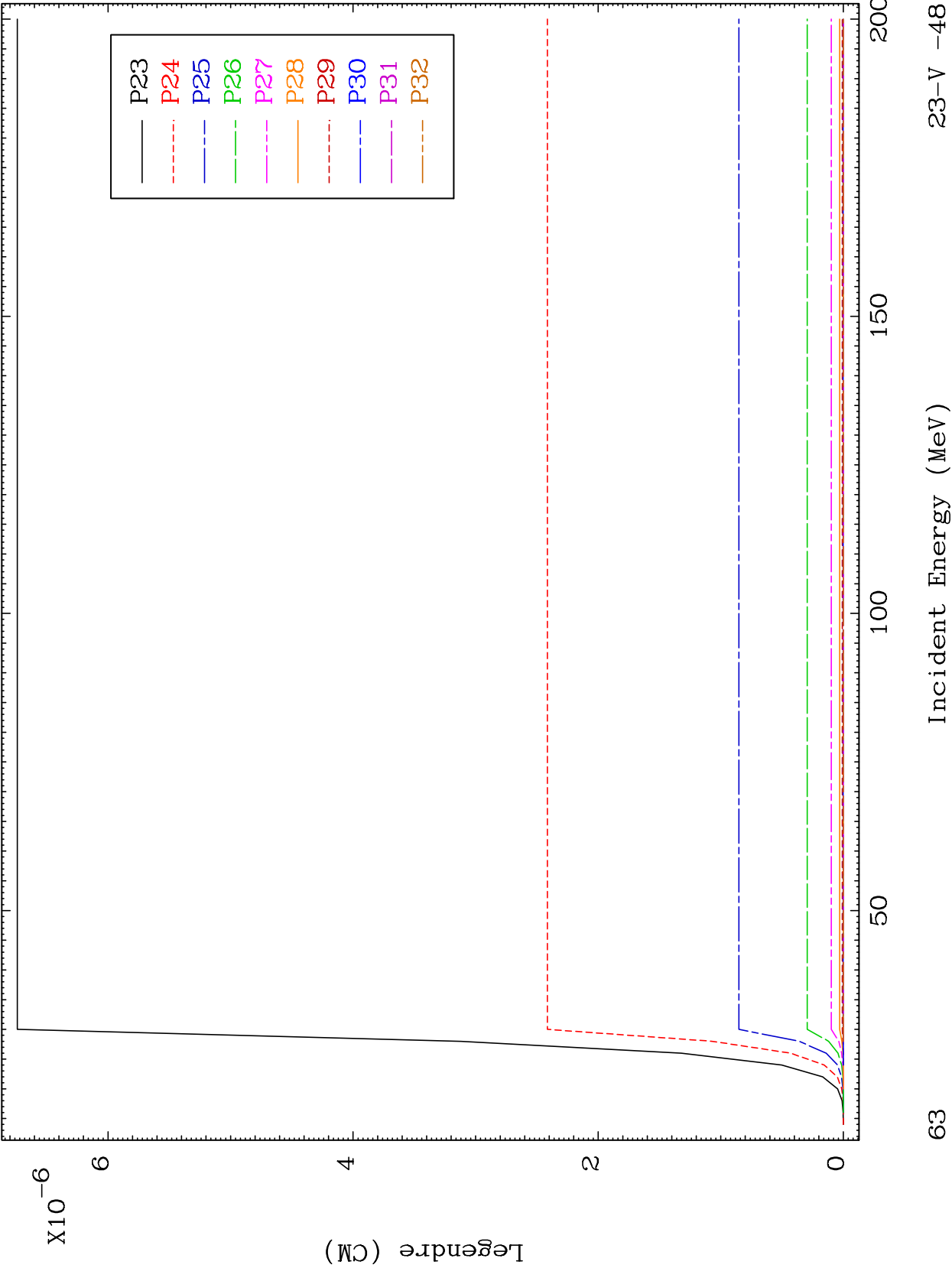
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 66 (n,n') Level  
Legendre Coefficients

23-V -48

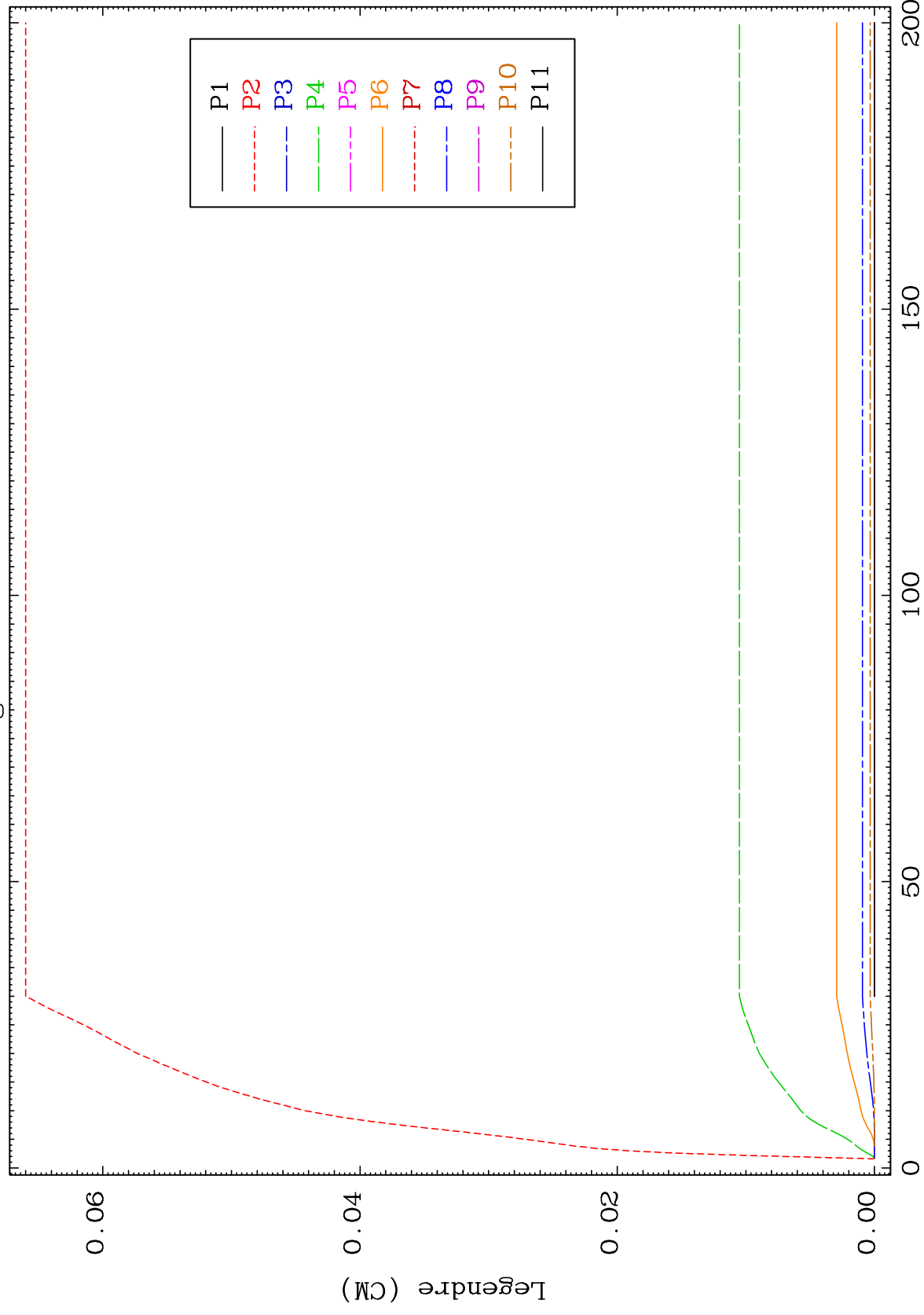




MAT 2319

MT= 67 (n,n') Level  
Legendre Coefficients

23-V -48



23-V -48

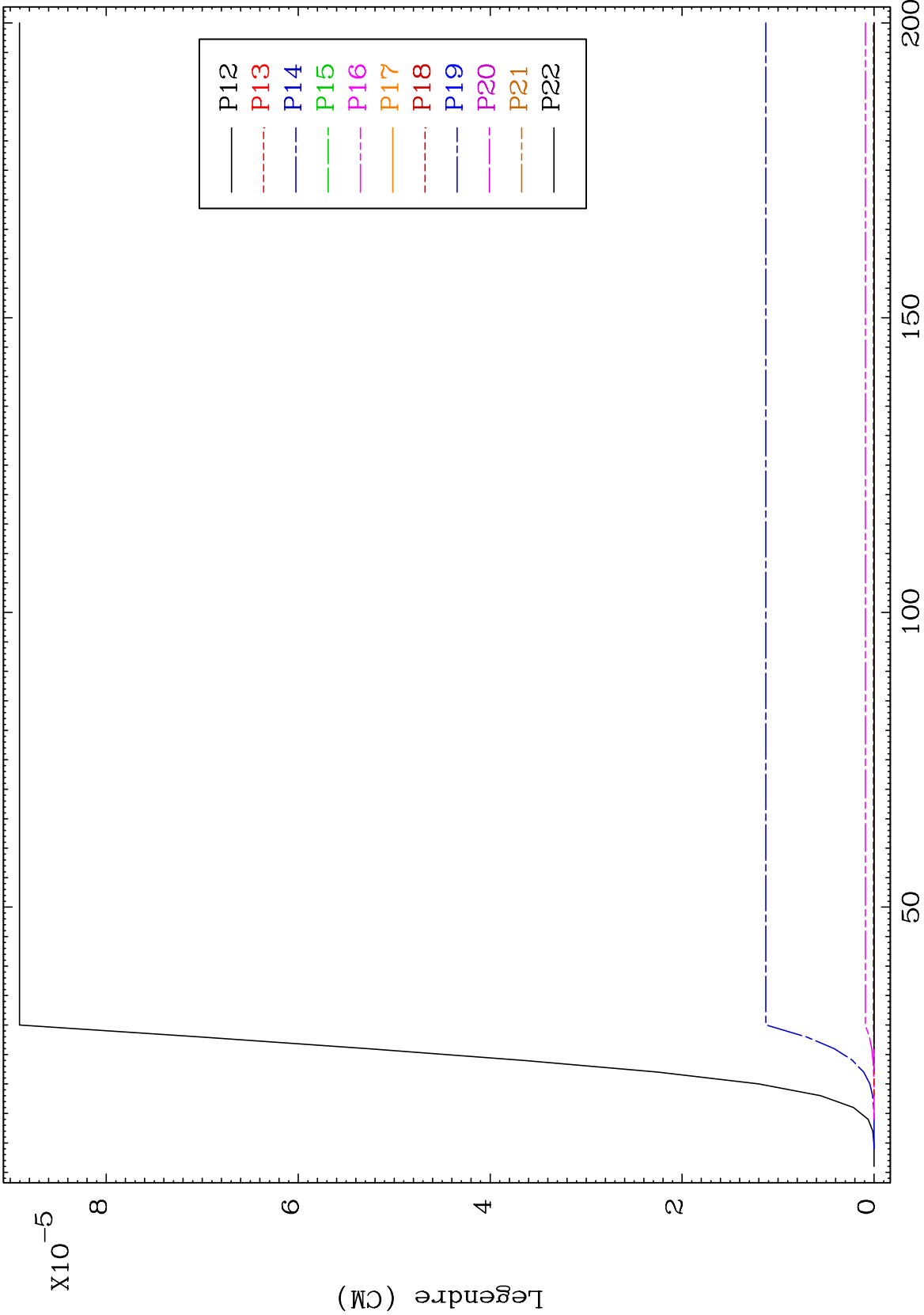
Incident Energy (MeV)

64

MAT 2319

MT= 67 (n,n') Level  
Legendre Coefficients

23-V -48



65

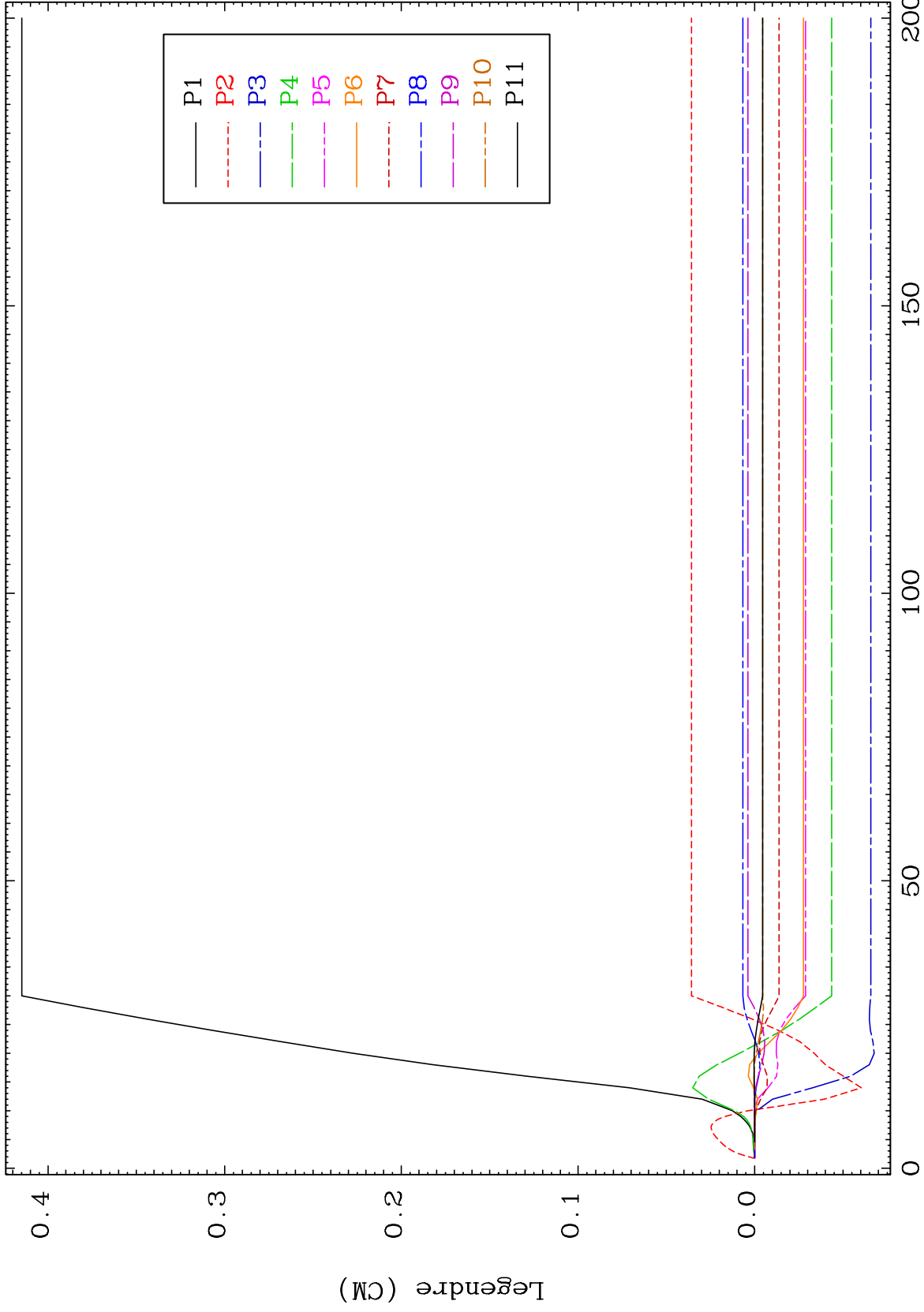
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 68 (n,n') Level  
Legendre Coefficients

23-V -48



66

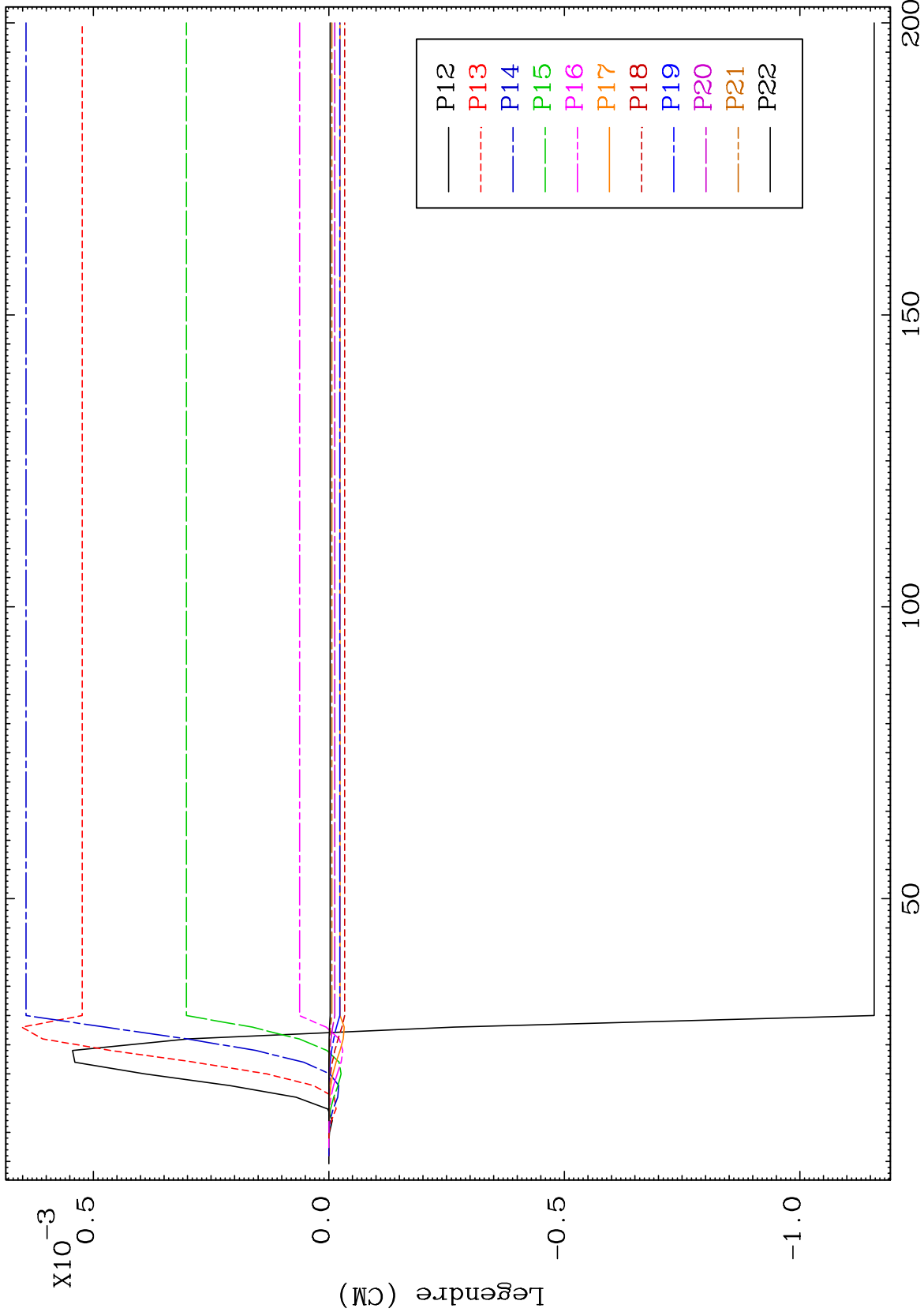
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 68 (n,n') Level  
Legendre Coefficients

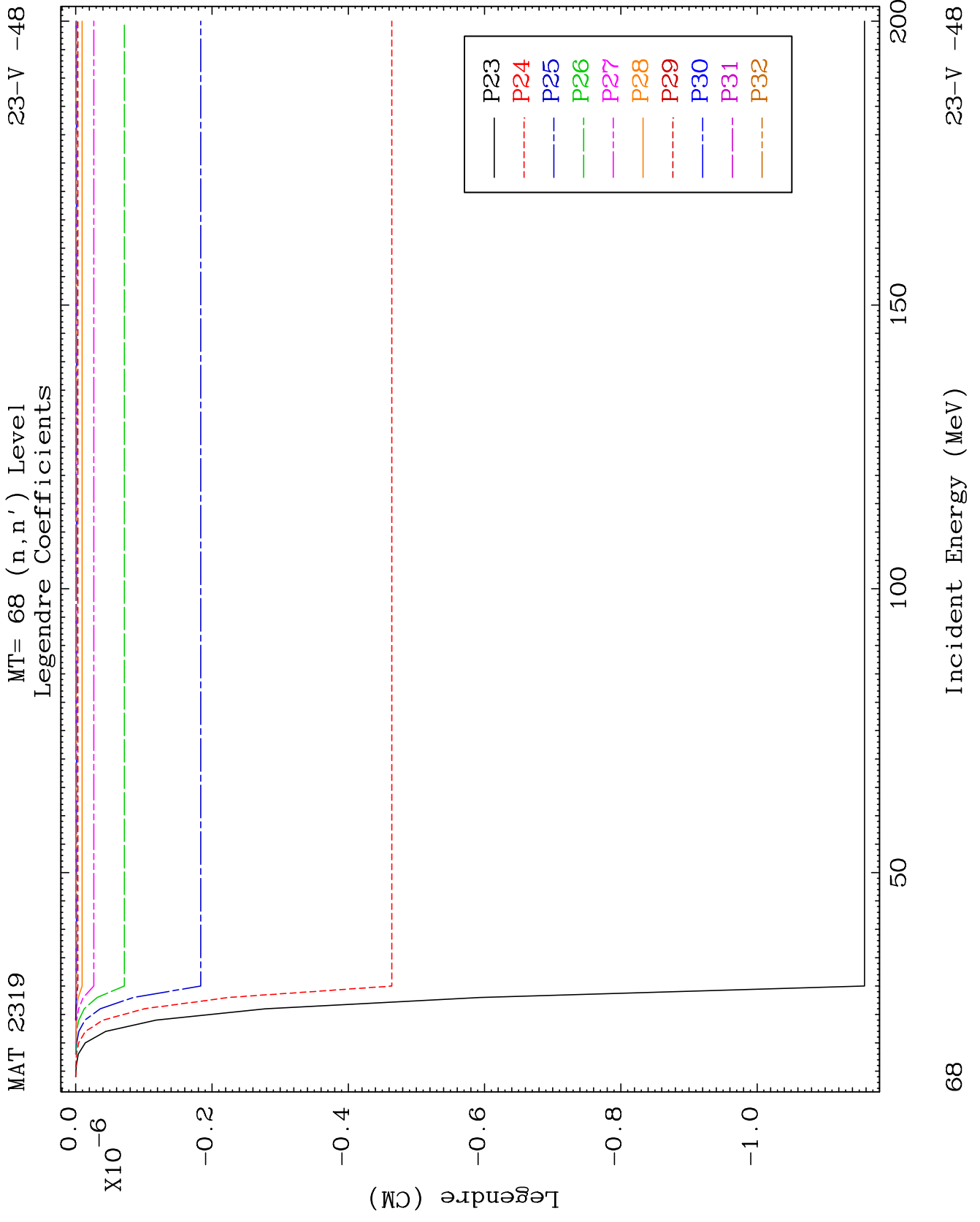
23-V -48



67

Incident Energy (MeV)

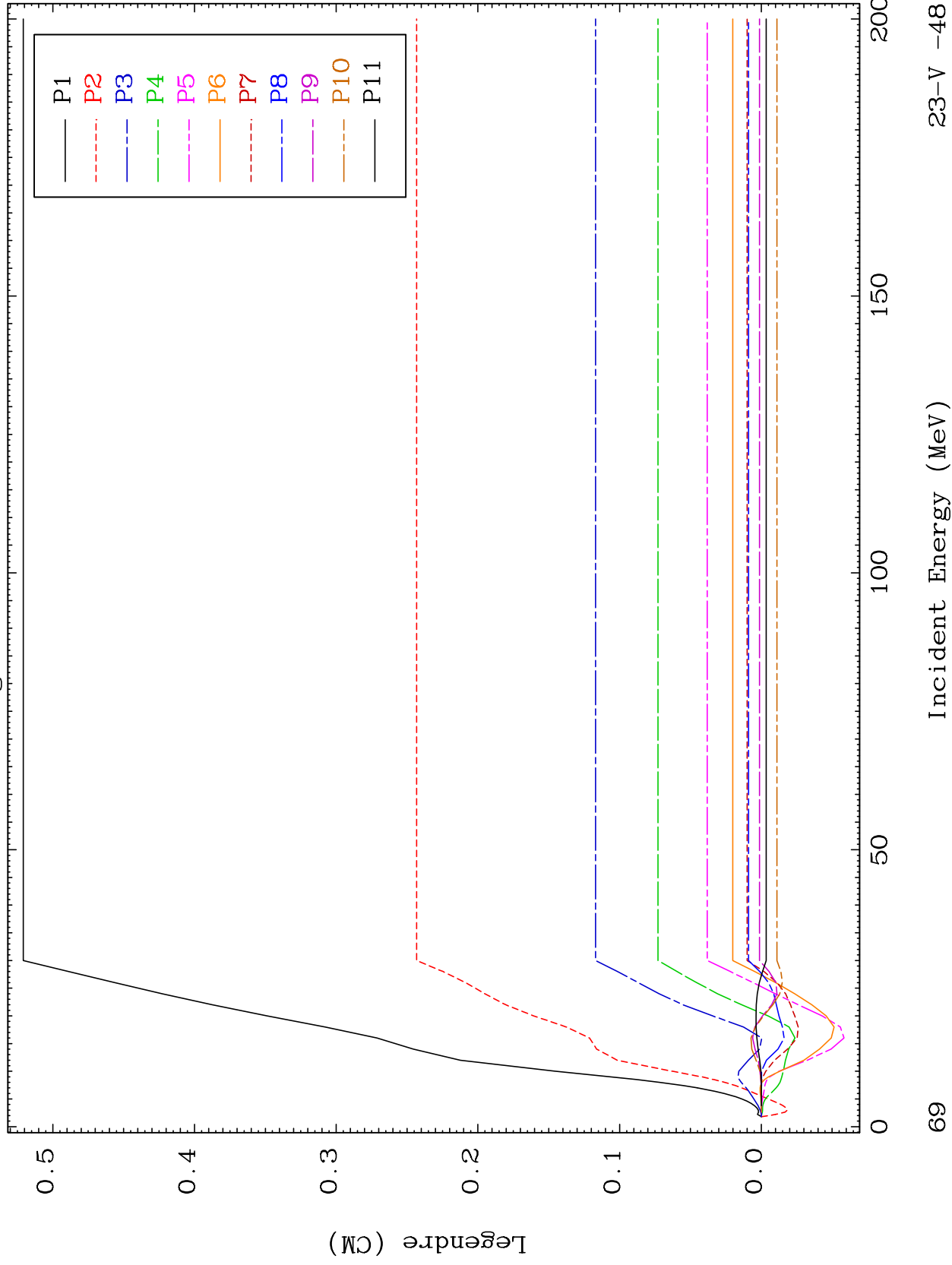
23-V -48



MAT 2319

MT= 69 (n,n') Level  
Legendre Coefficients

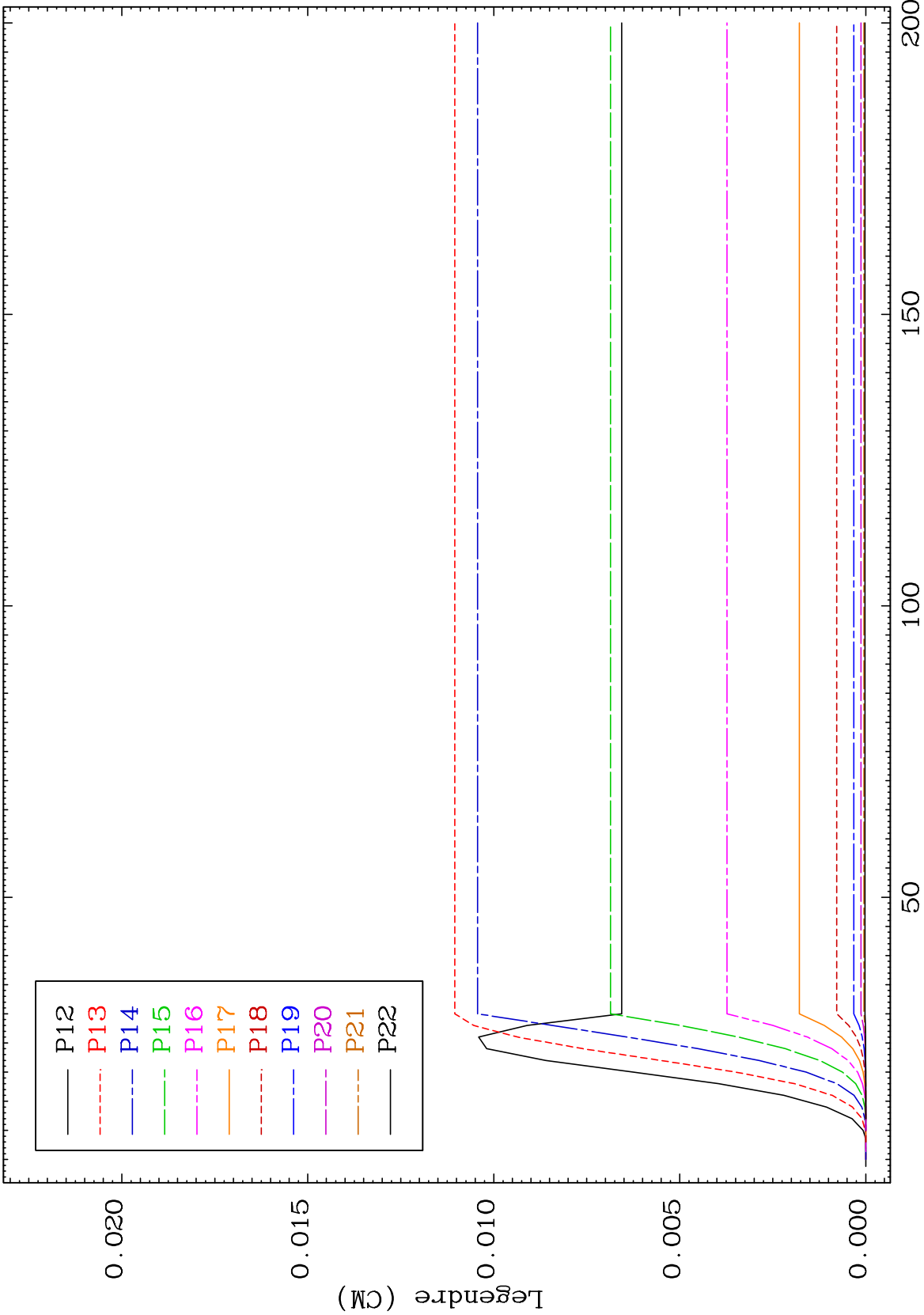
23-V -48



MAT 2319

MT= 69 (n,n') Level  
Legendre Coefficients

23-V -48



70

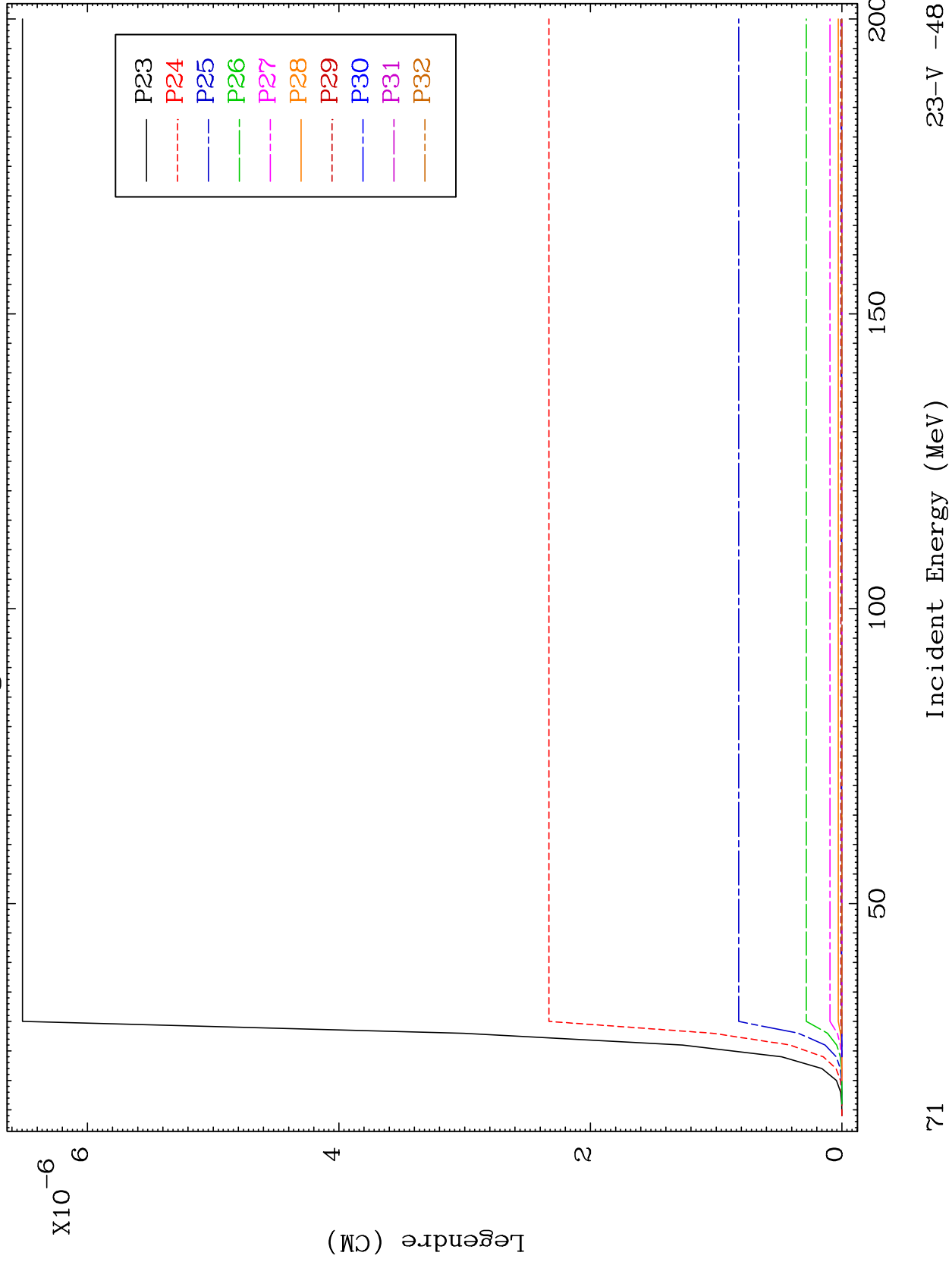
Incident Energy (MeV)

23-V -48

MAT 2319

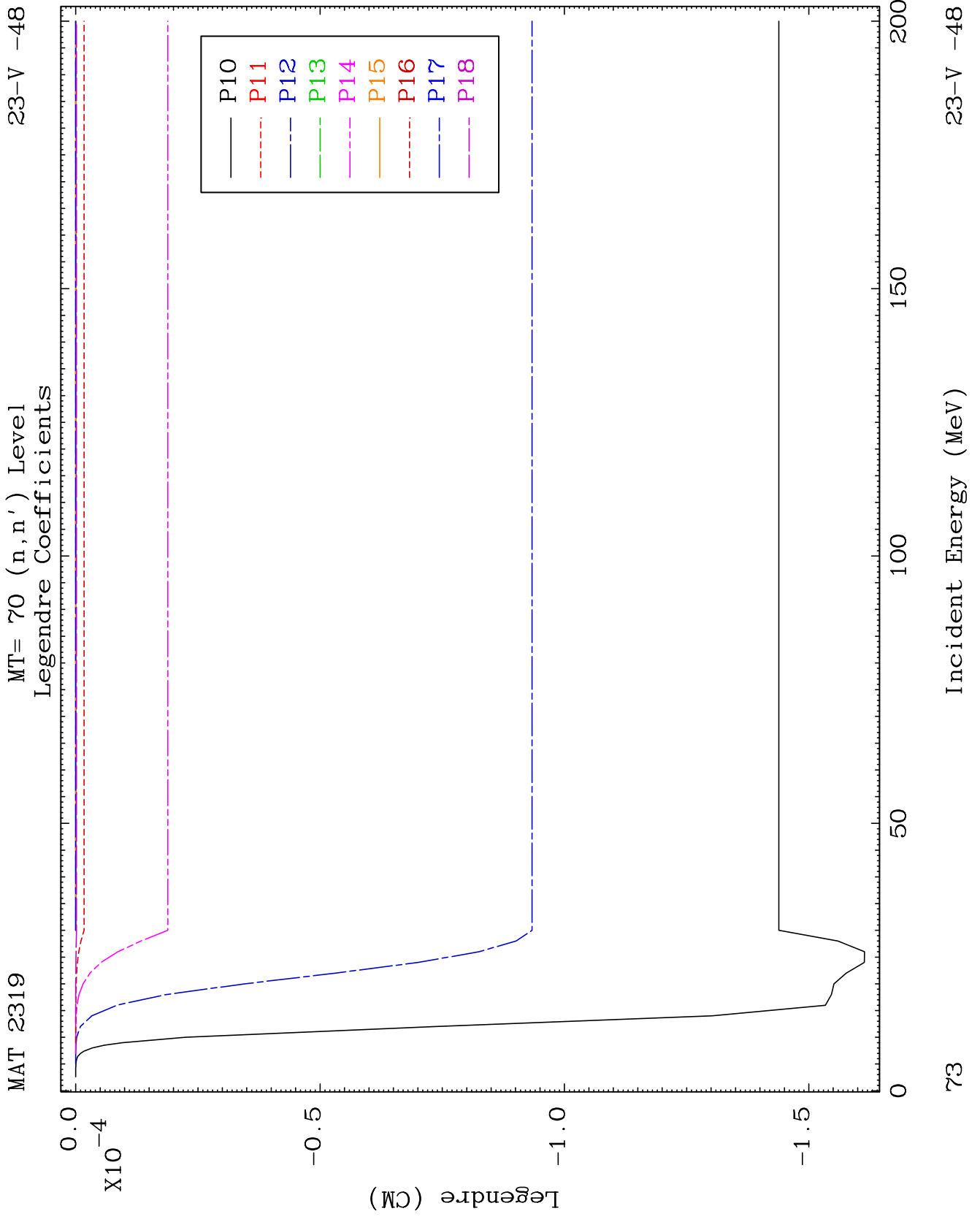
MT= 69 (n,n') Level  
Legendre Coefficients

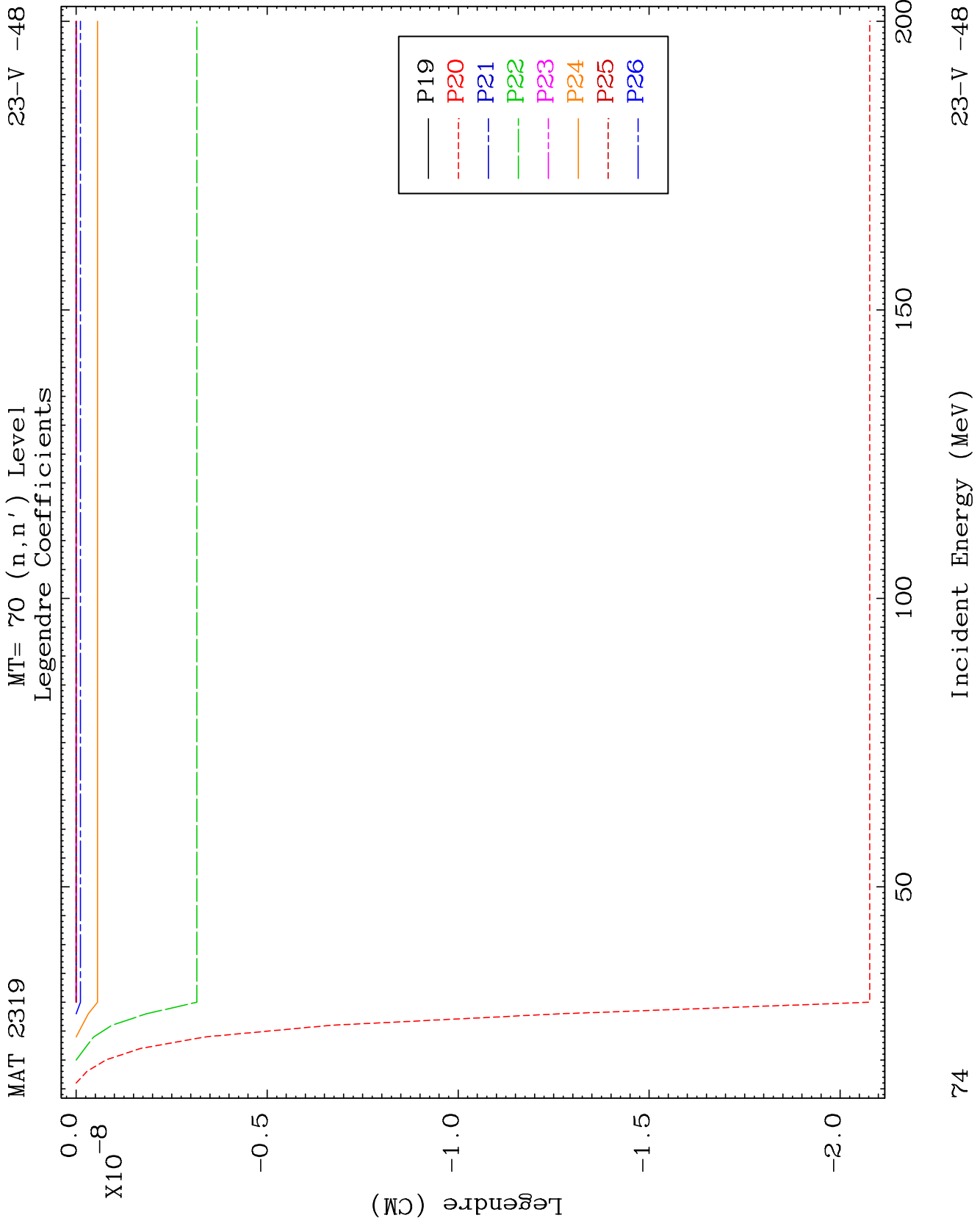
23-V -48







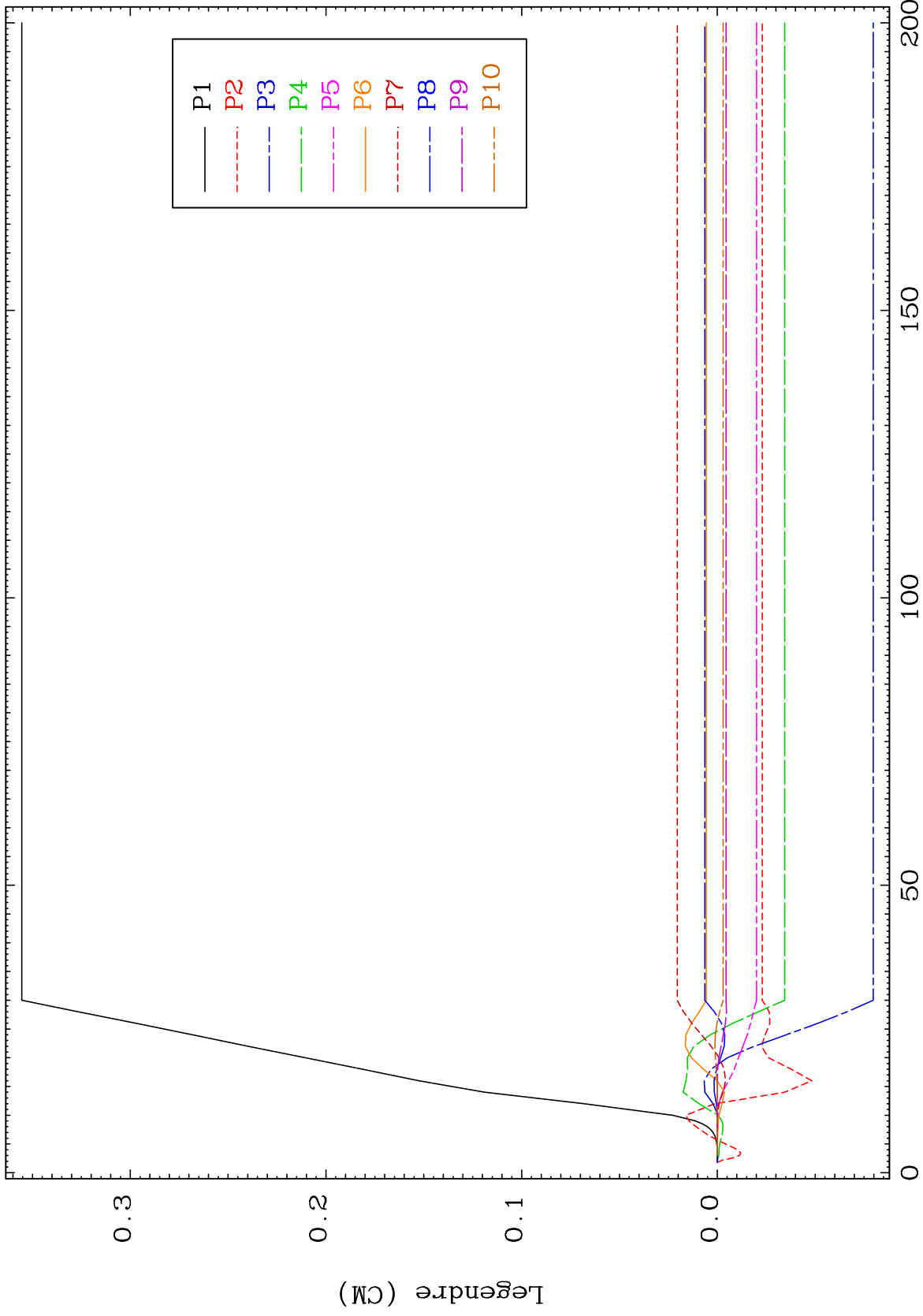




MAT 2319

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -48



75

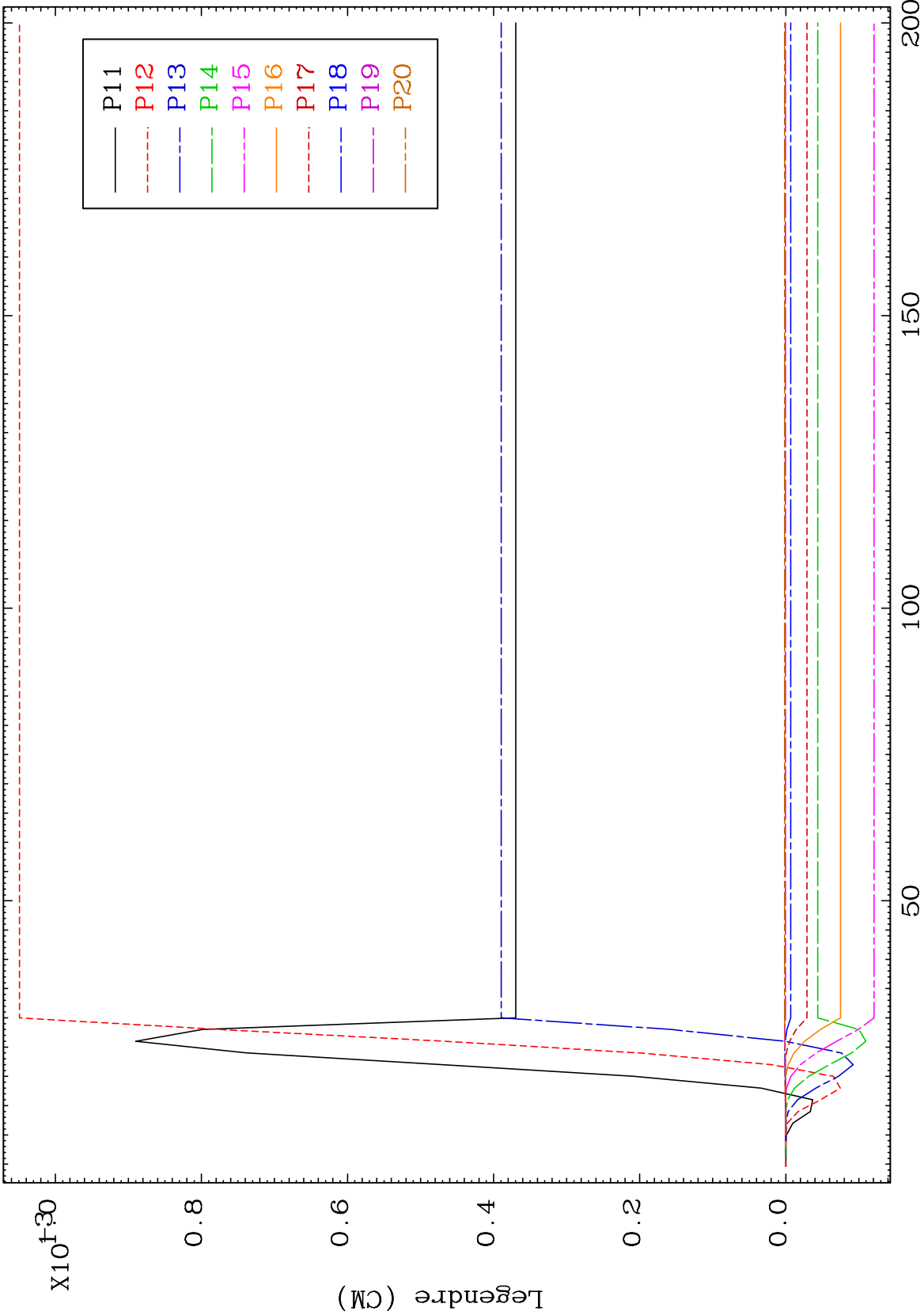
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -48



76

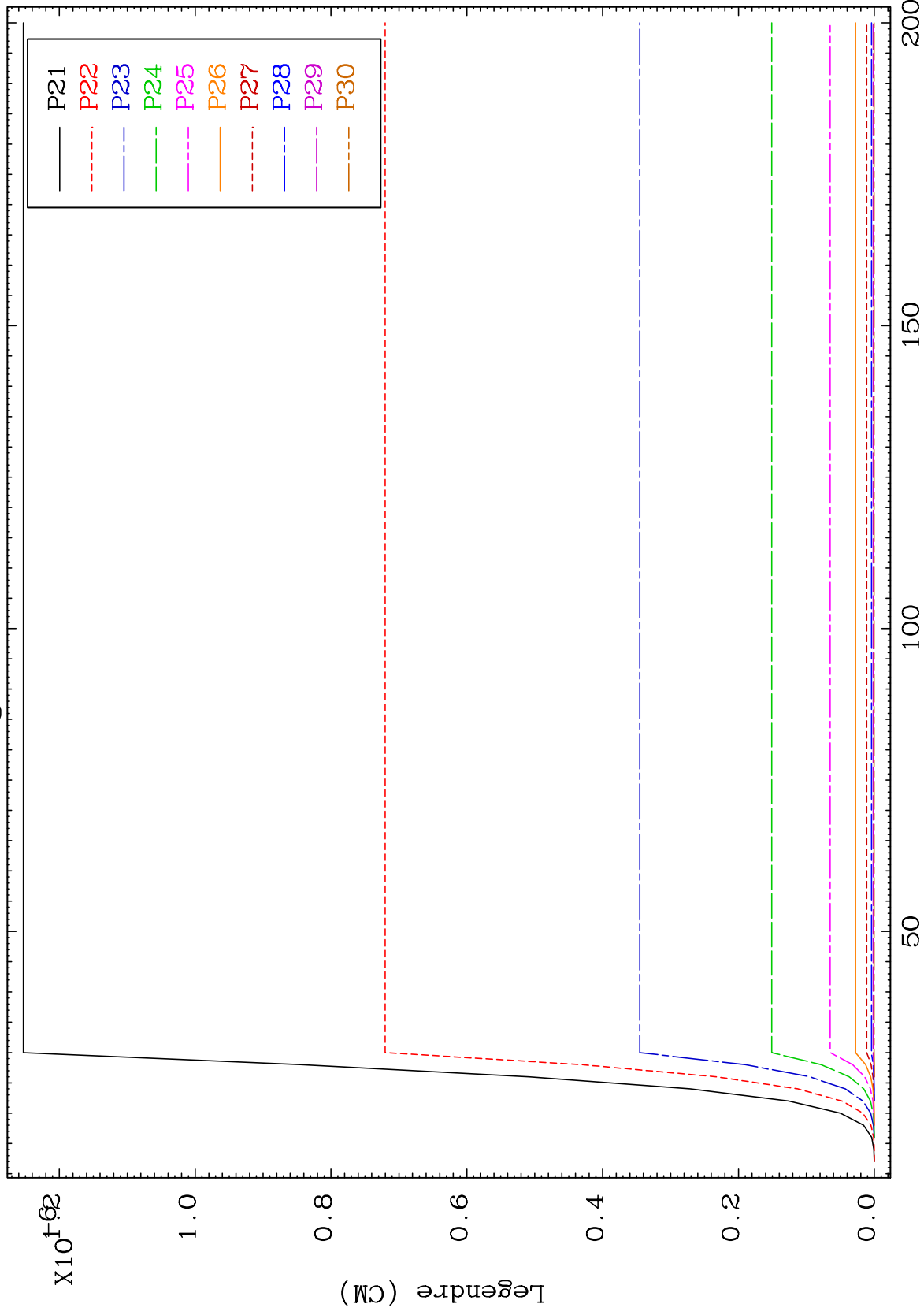
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -48



77

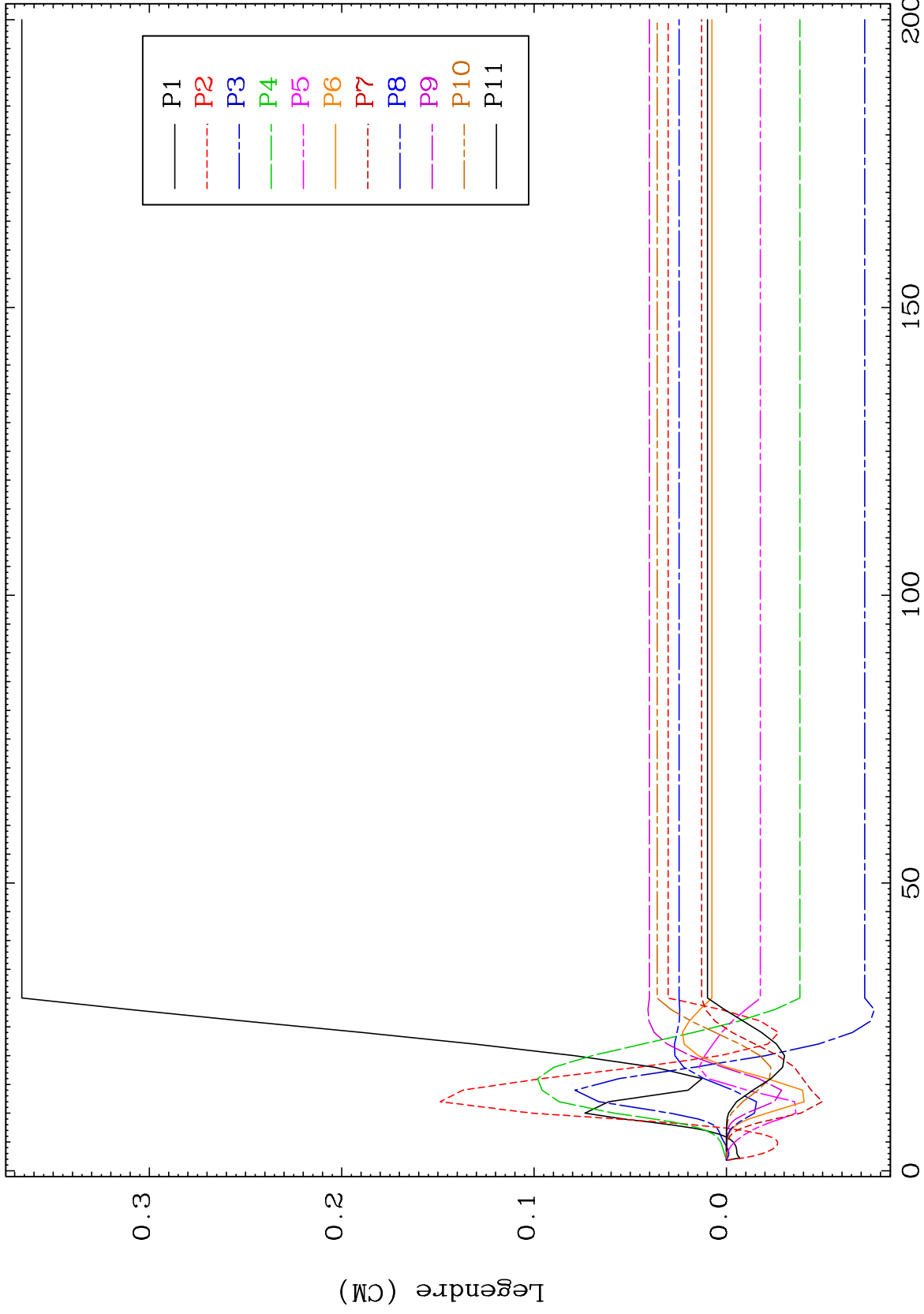
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 72 (n,n') Level  
Legendre Coefficients

23-V -48



78

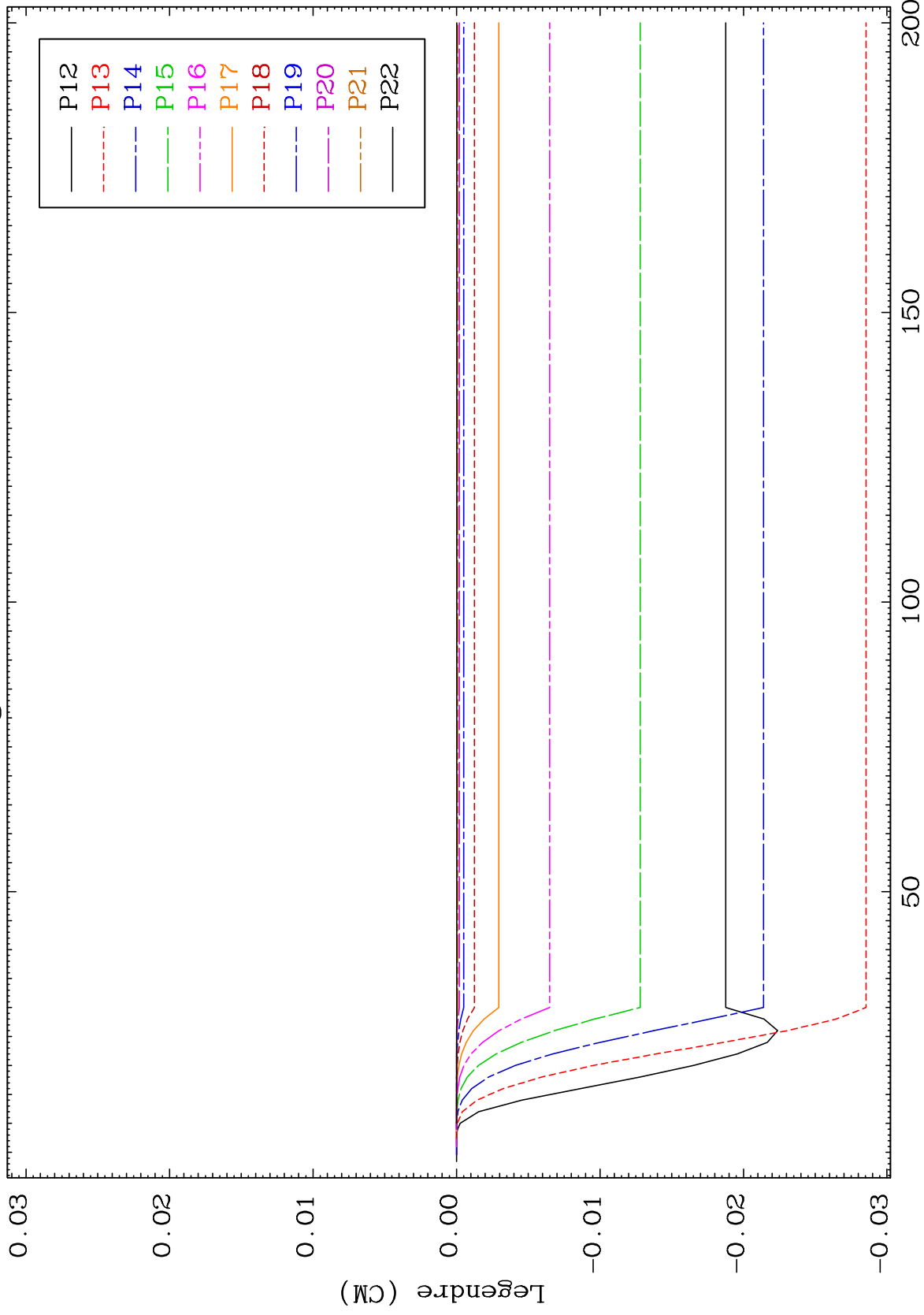
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 72 (n,n') Level  
Legendre Coefficients

23-V -48

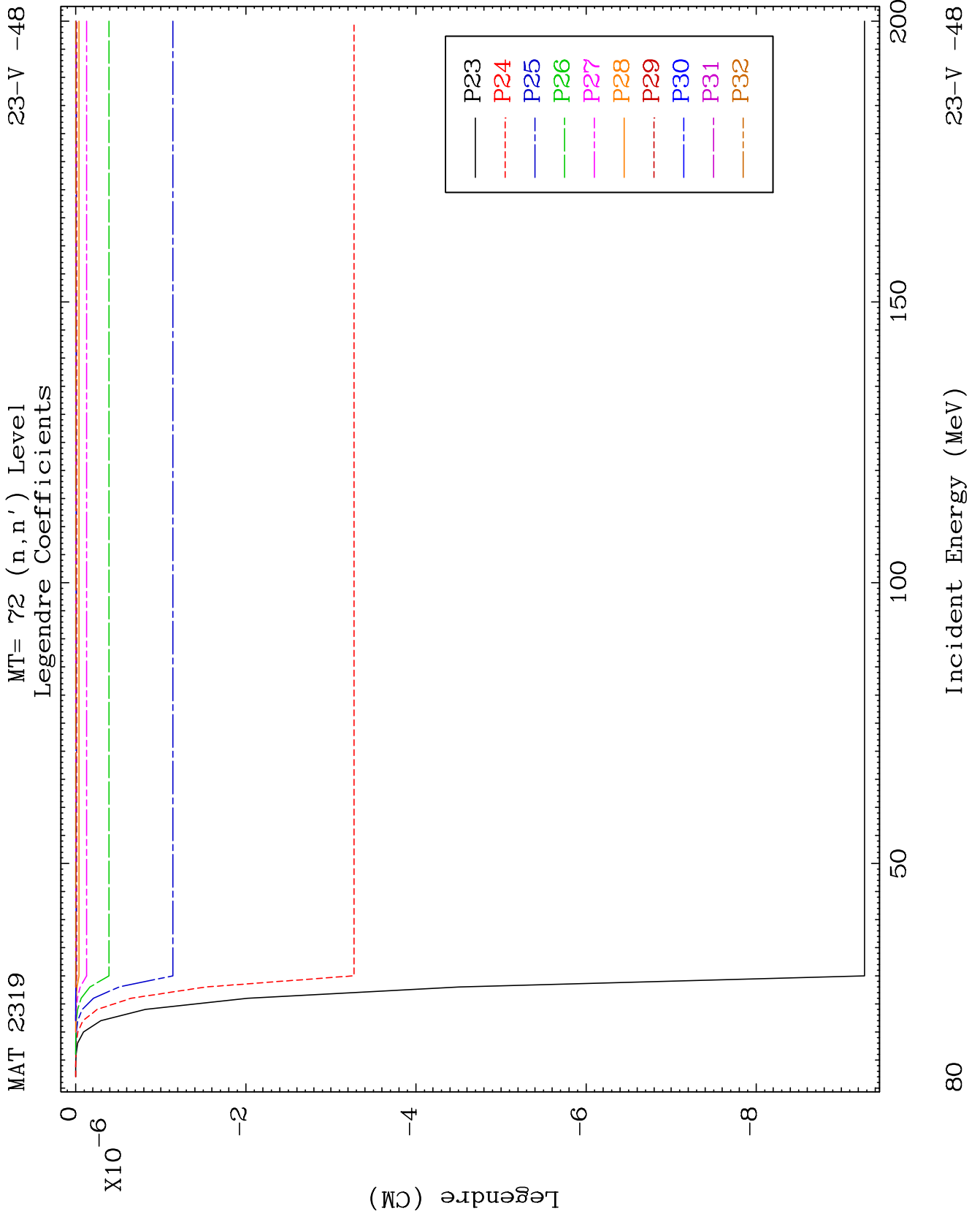


79

Incident Energy (MeV)

23-V -48

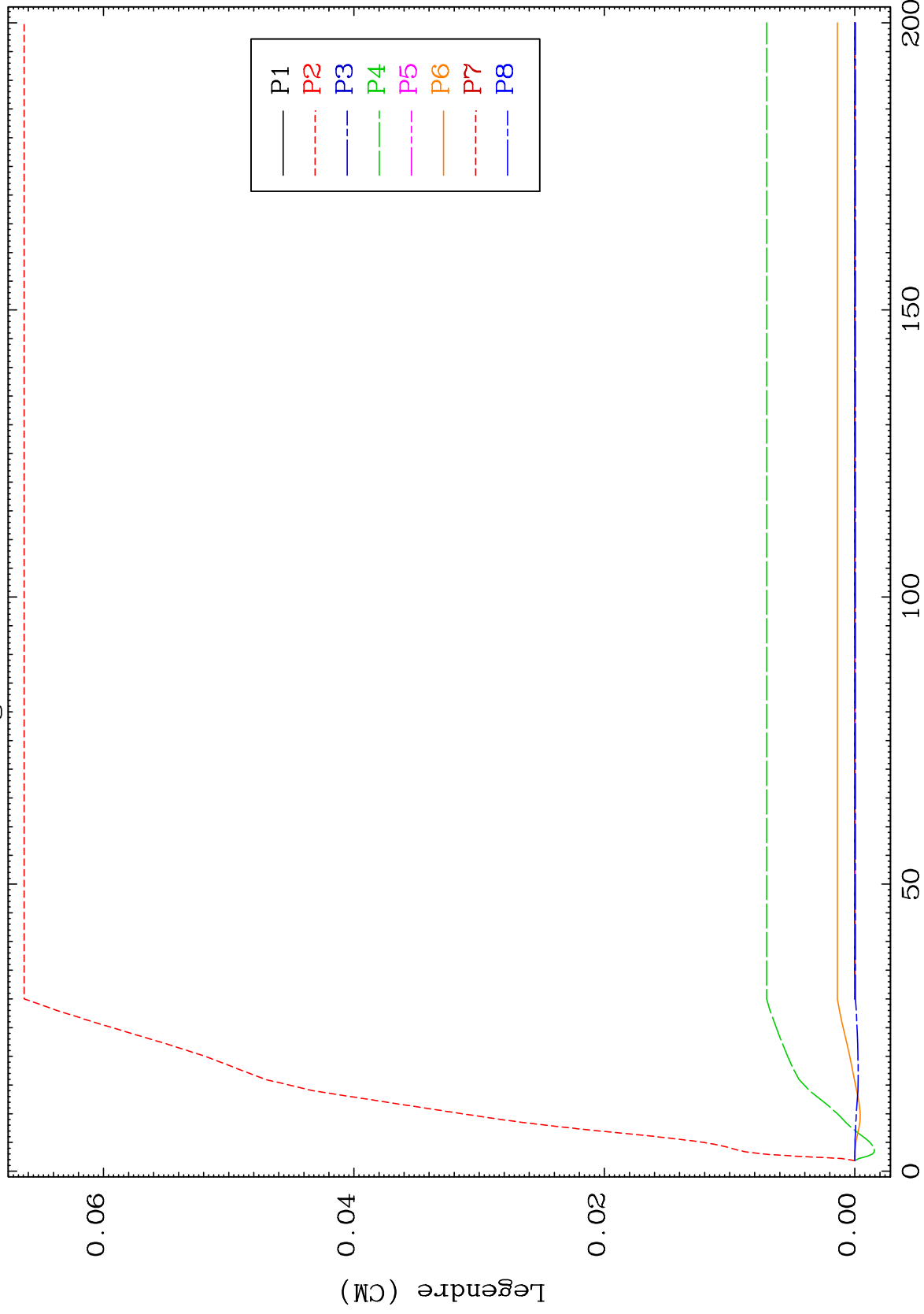




MAT 2319

MT= 73 (n,n') Level  
Legendre Coefficients

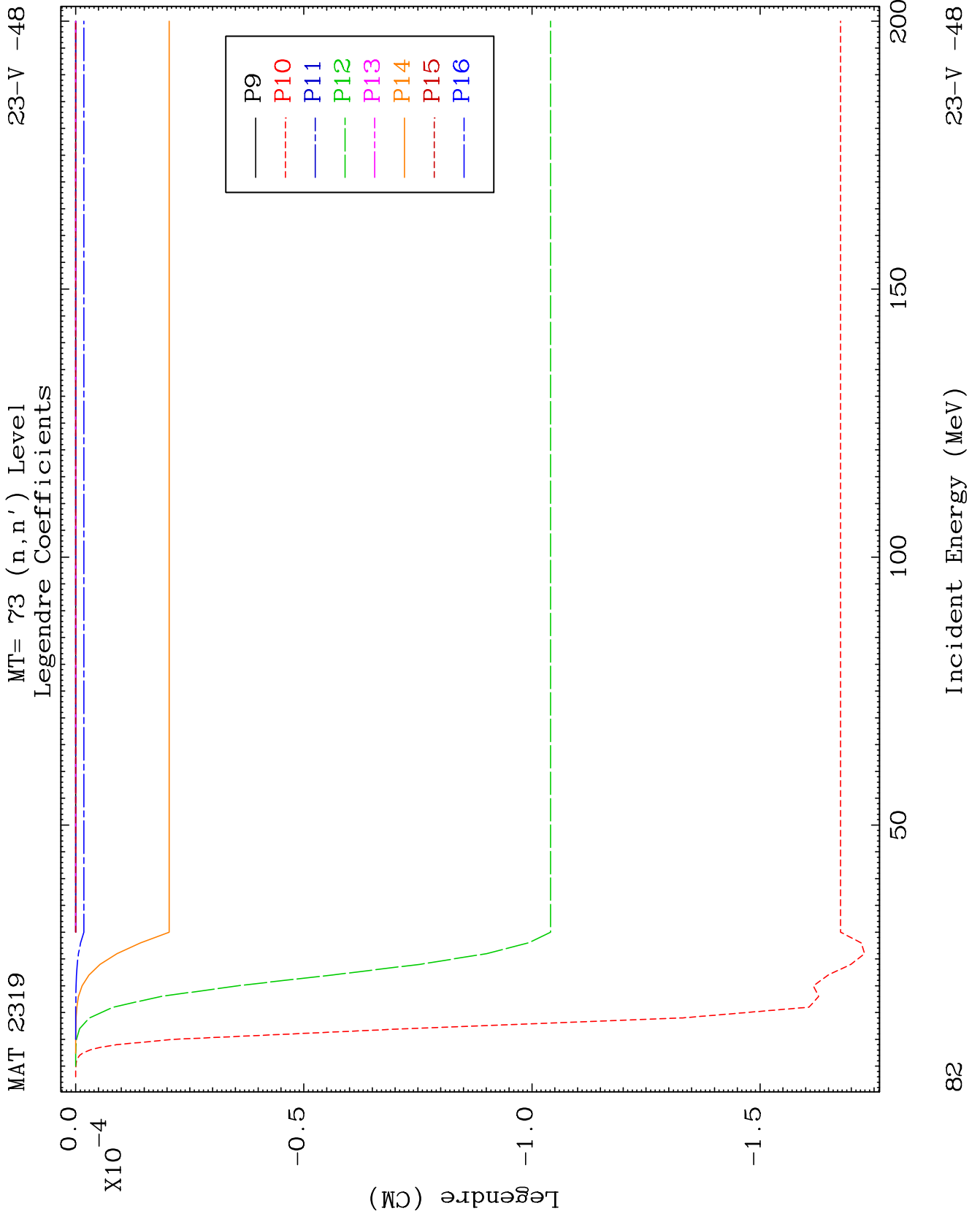
23-V -48

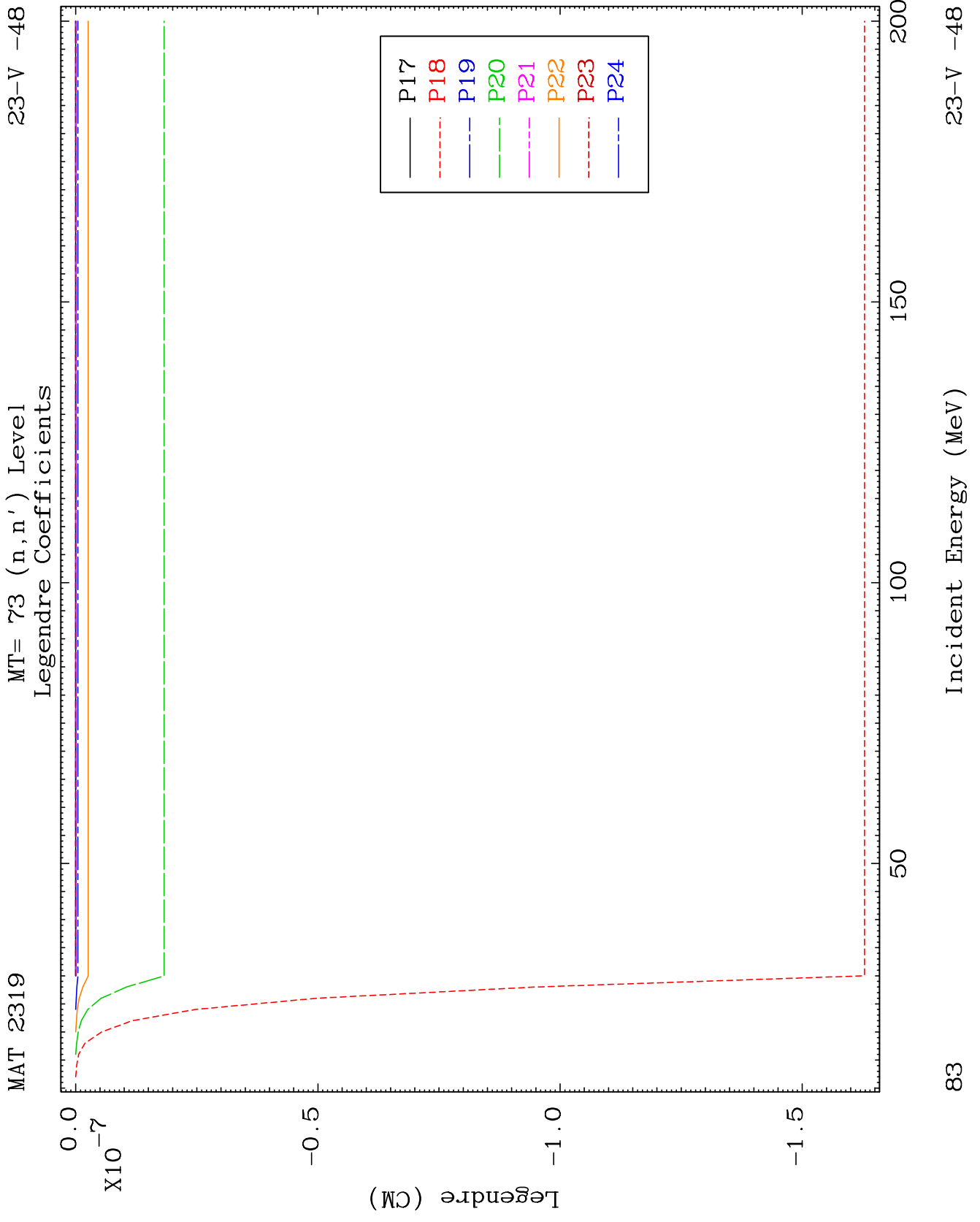


81

Incident Energy (MeV)

23-V -48

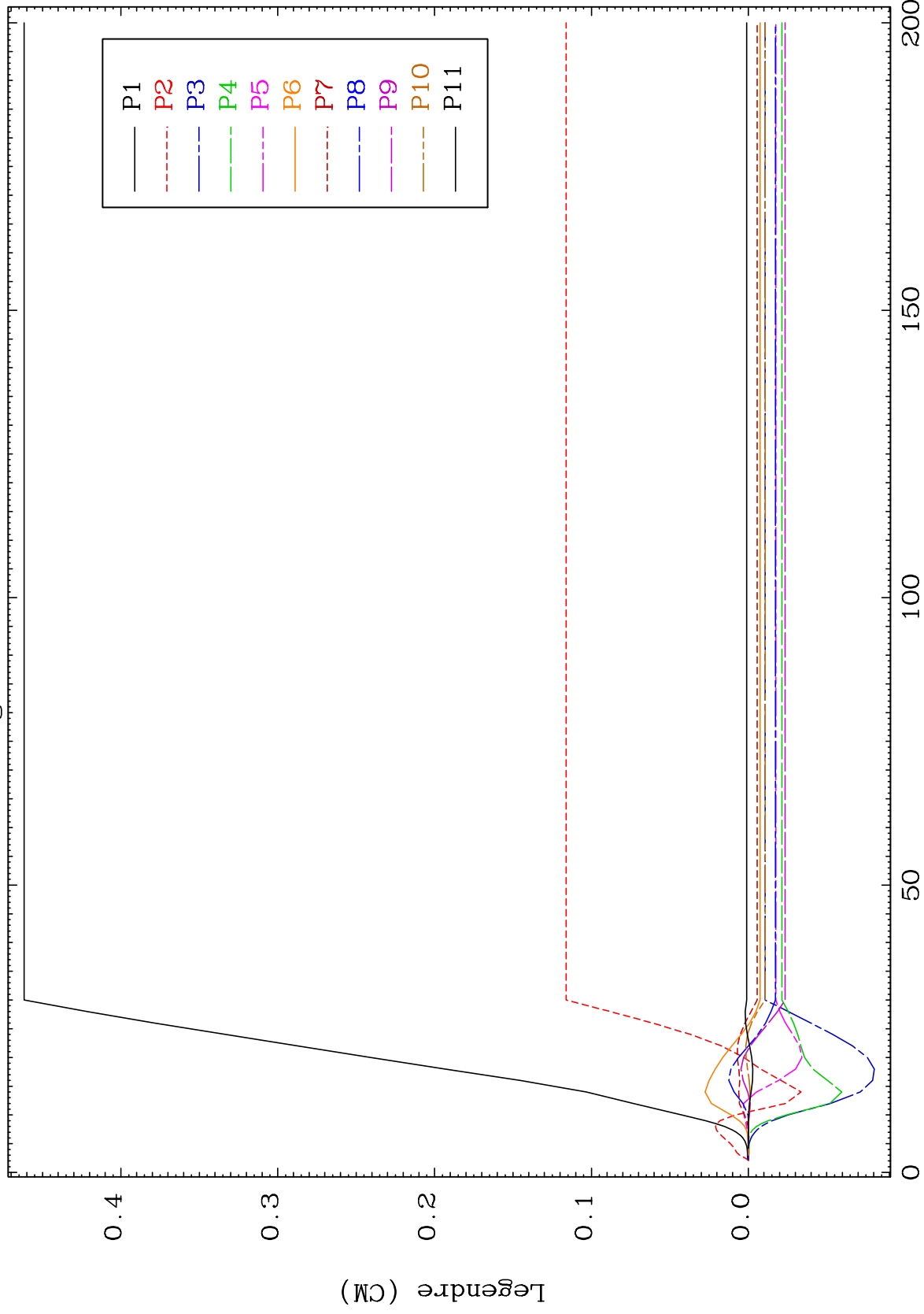




MAT 2319

MT= 74 (n,n') Level  
Legendre Coefficients

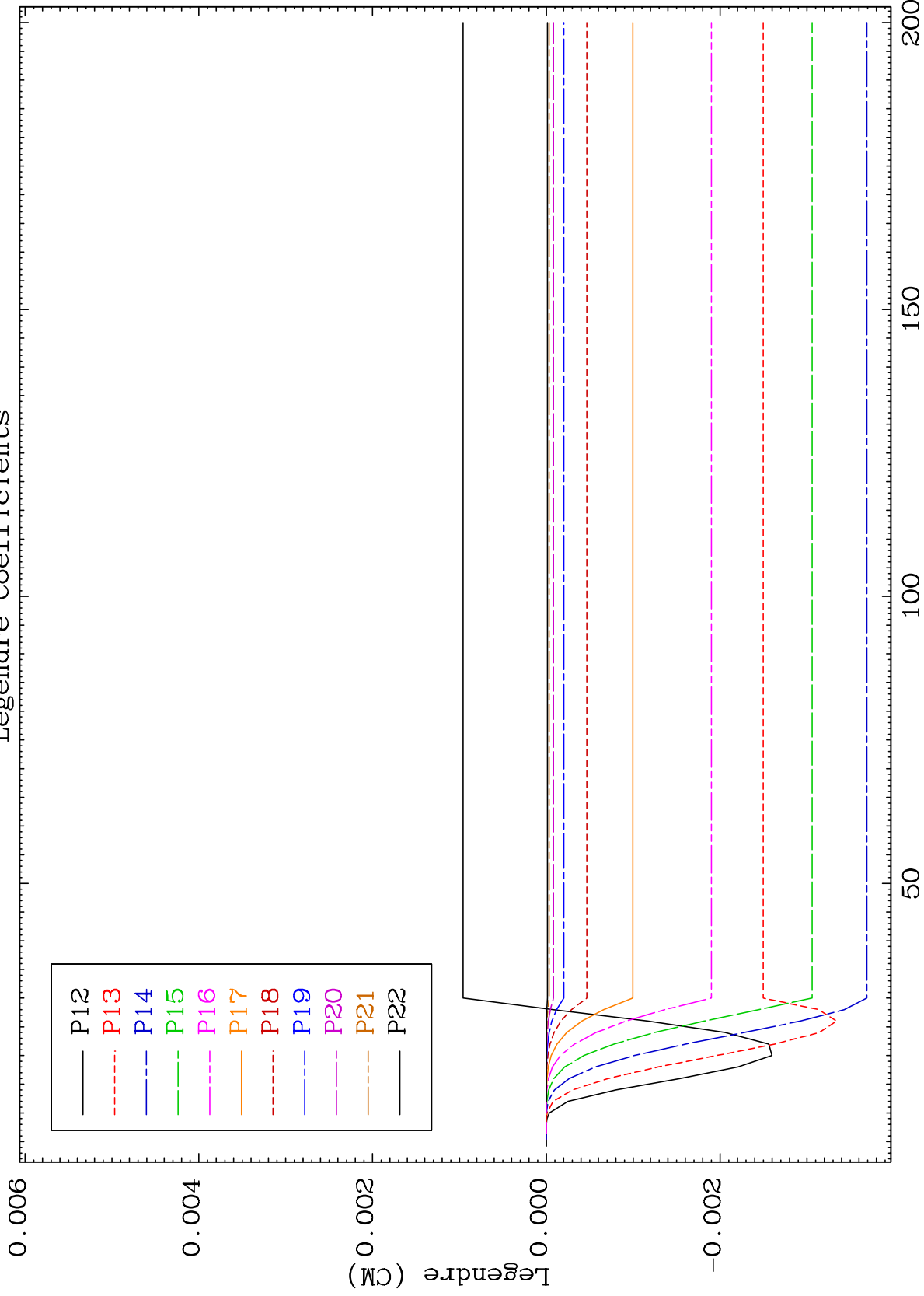
23-V -48

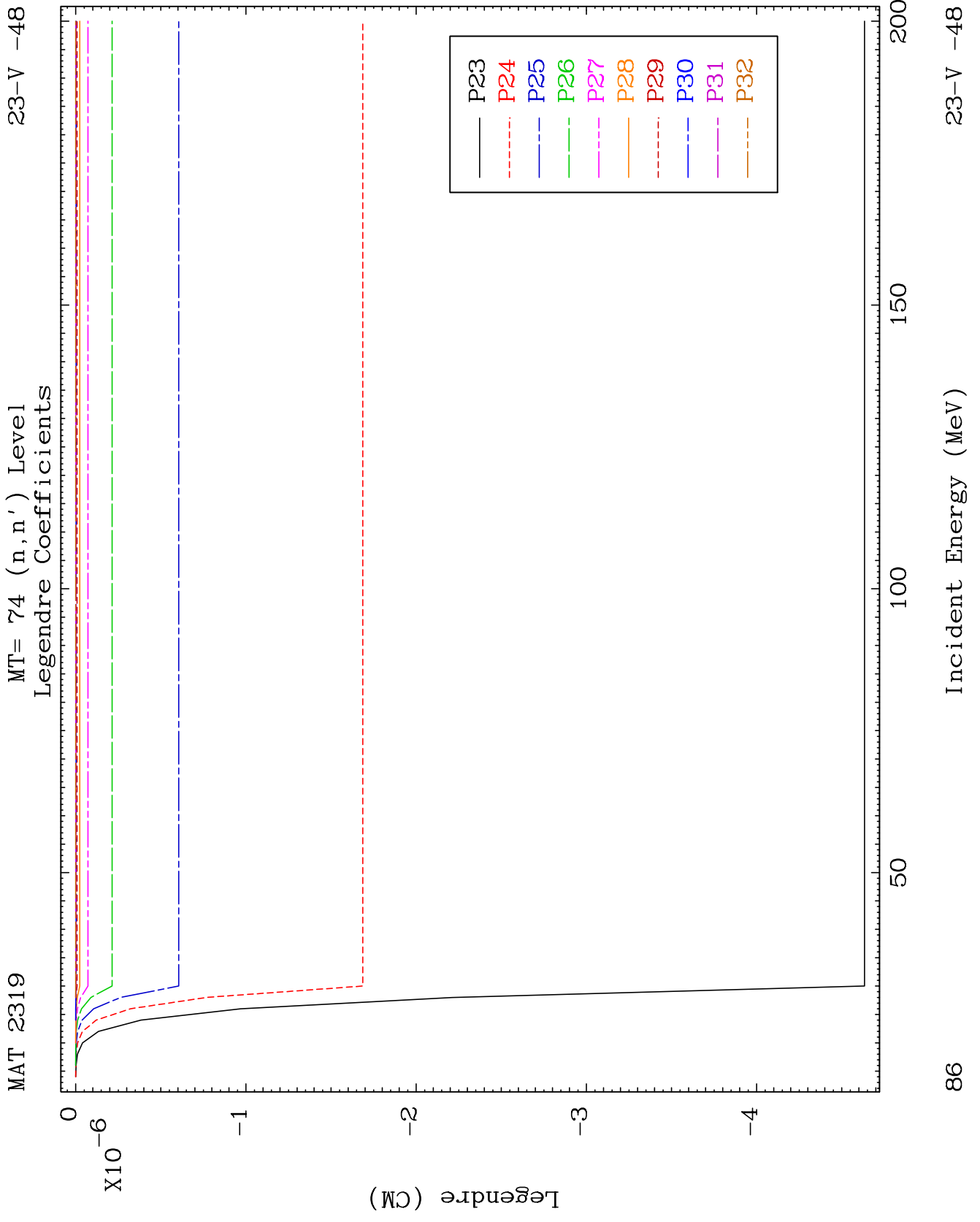


84

Incident Energy (MeV)

23-V -48

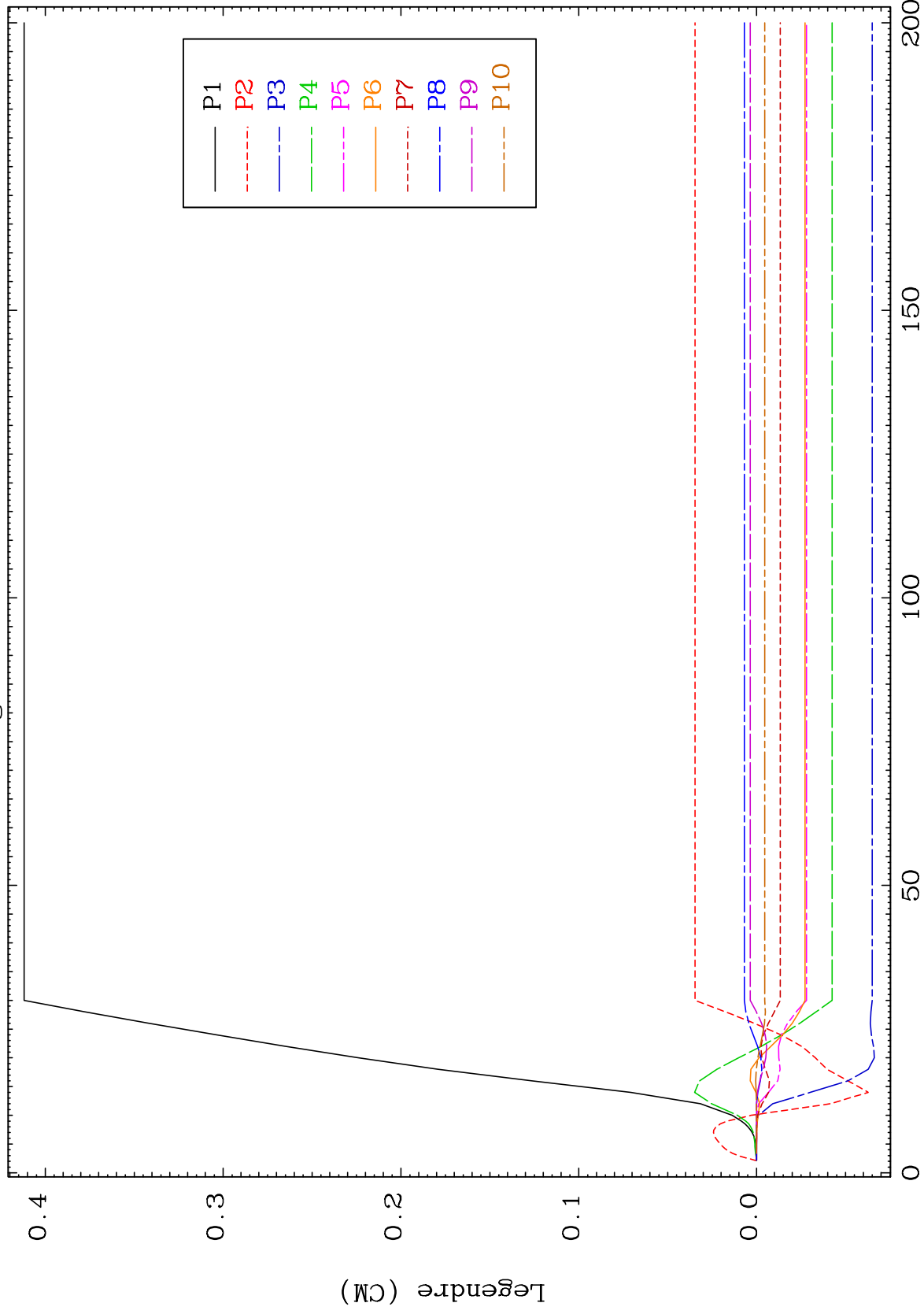




MAT 2319

MT= 75 (n,n') Level  
Legendre Coefficients

23-V -48



87

Incident Energy (MeV)

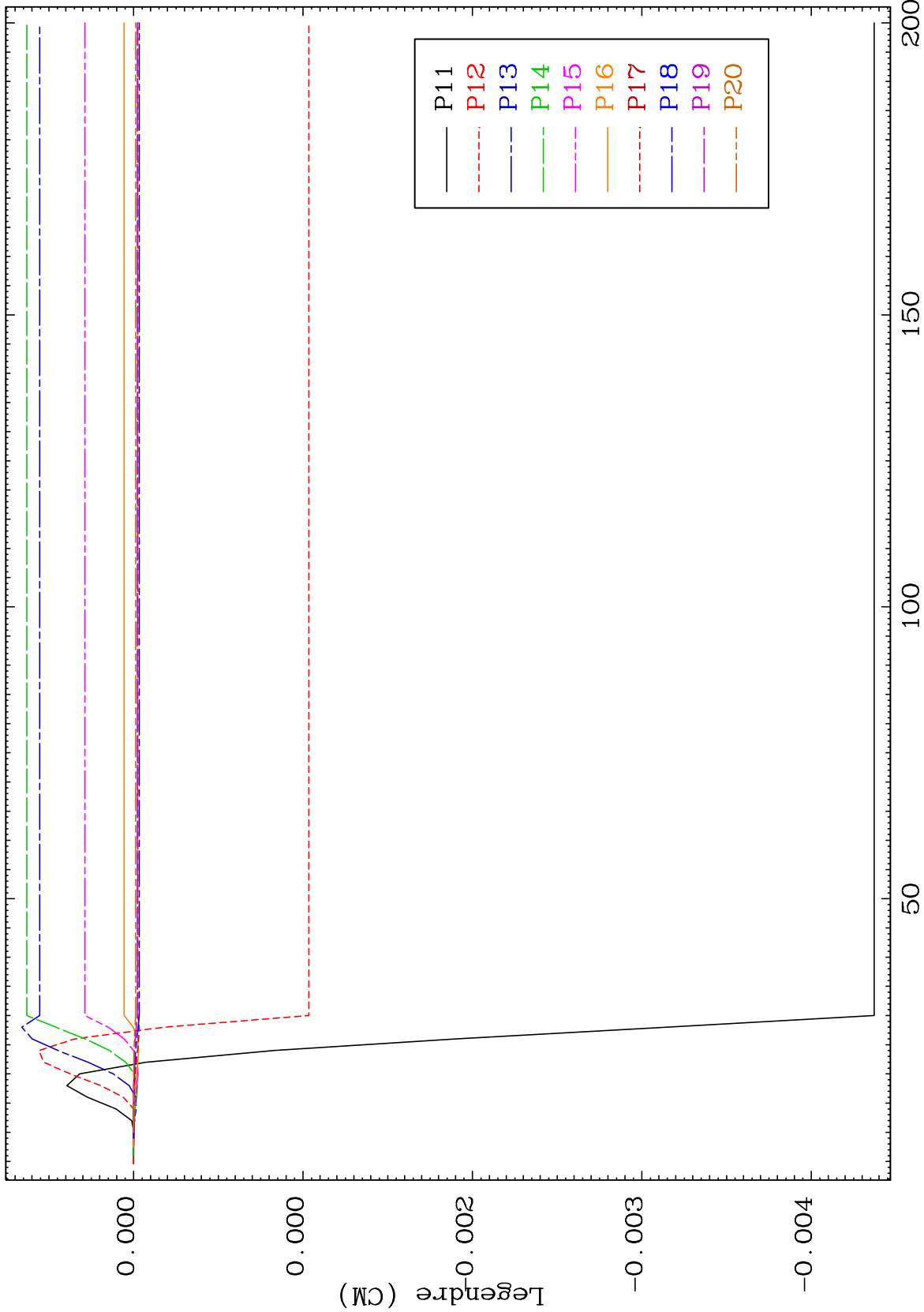
23-V -48



MAT 2319

MT= 75 (n,n') Level  
Legendre Coefficients

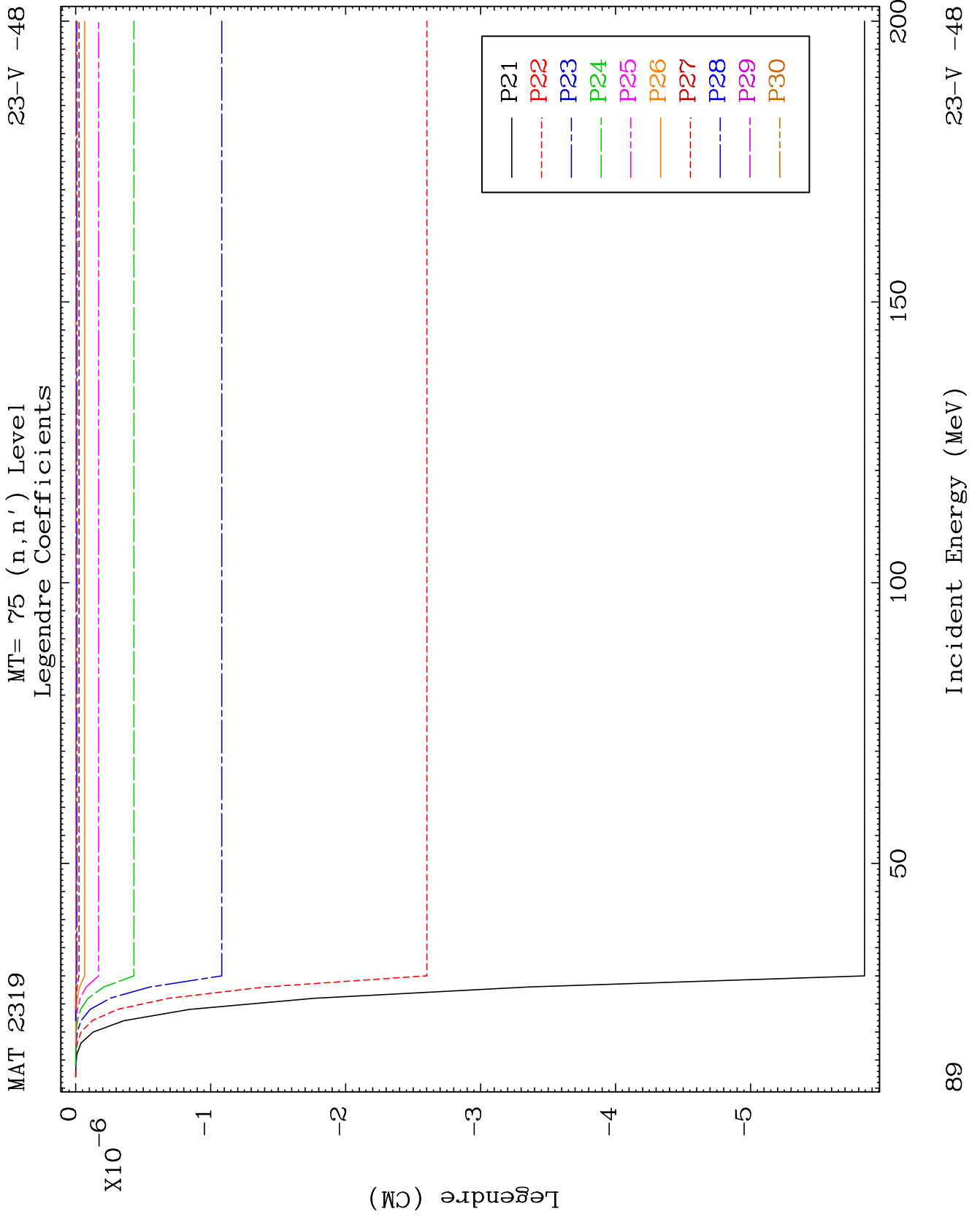
23-V -48



88

Incident Energy (MeV)

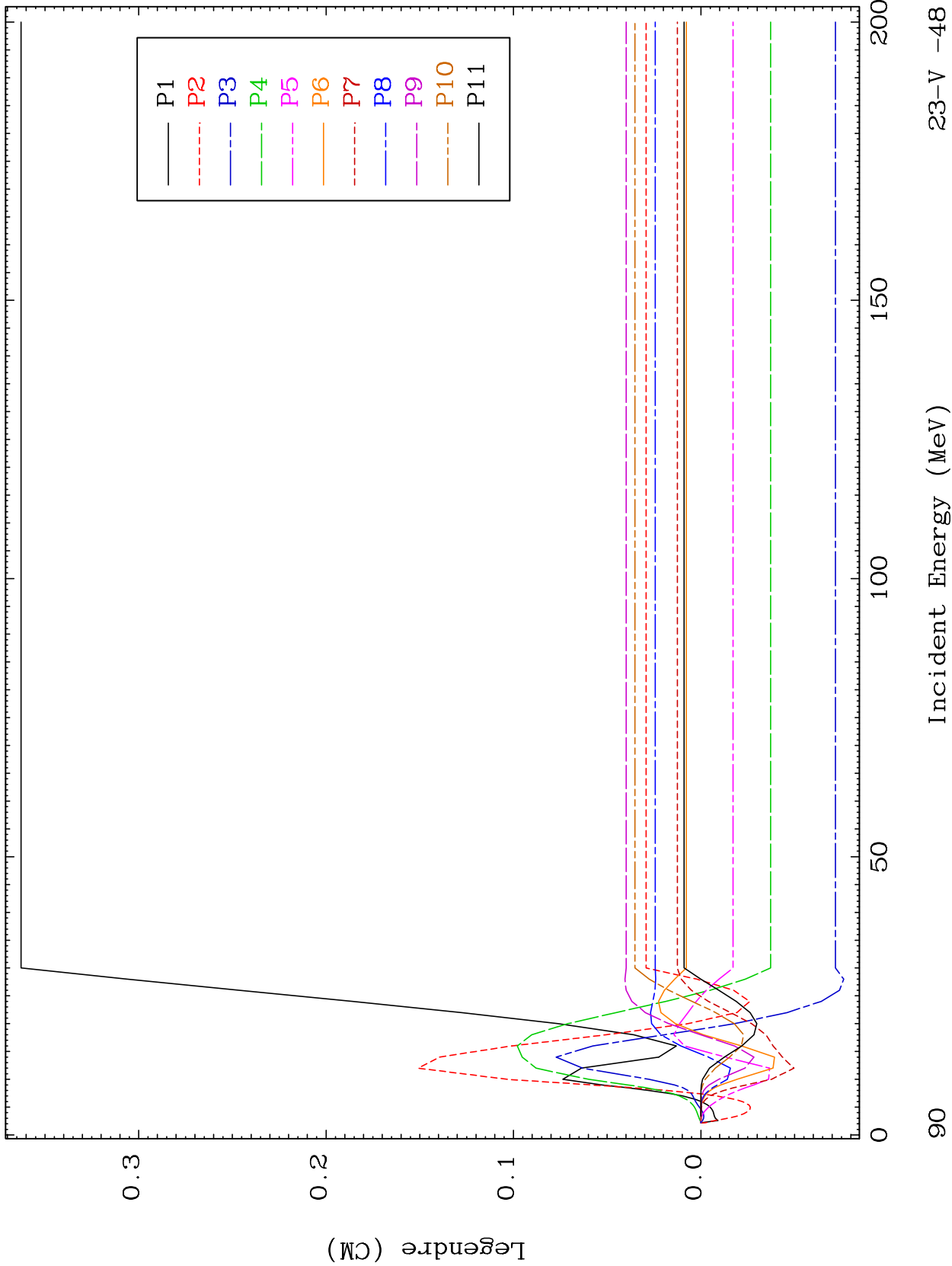
23-V -48



MAT 2319

MT= 76 (n,n') Level  
Legendre Coefficients

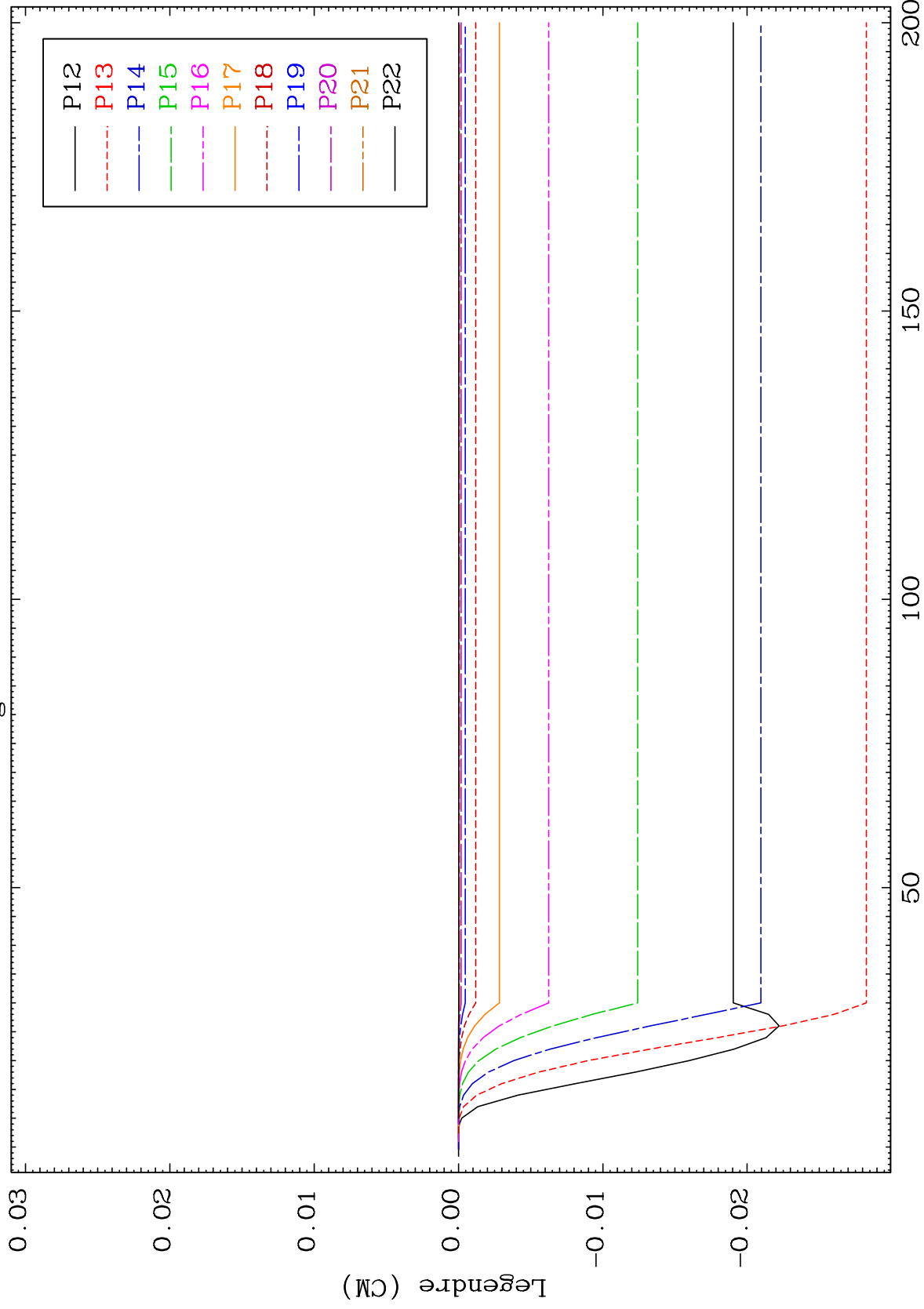
23-V -48



MAT 2319

MT= 76 (n,n') Level  
Legendre Coefficients

23-V -48



91

Incident Energy (MeV)

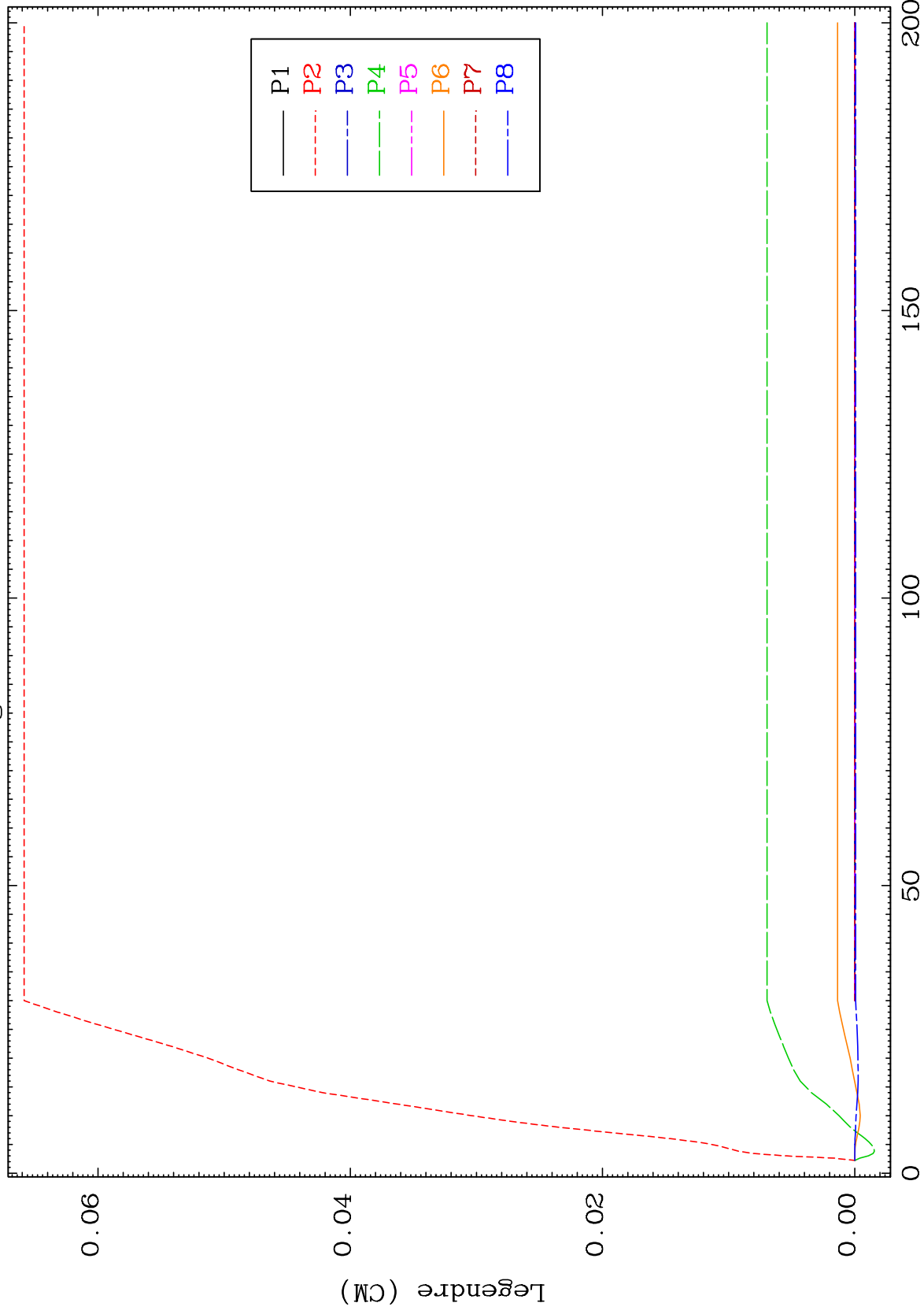
23-V -48



MAT 2319

MT= 77 (n,n') Level  
Legendre Coefficients

23-V -48



93

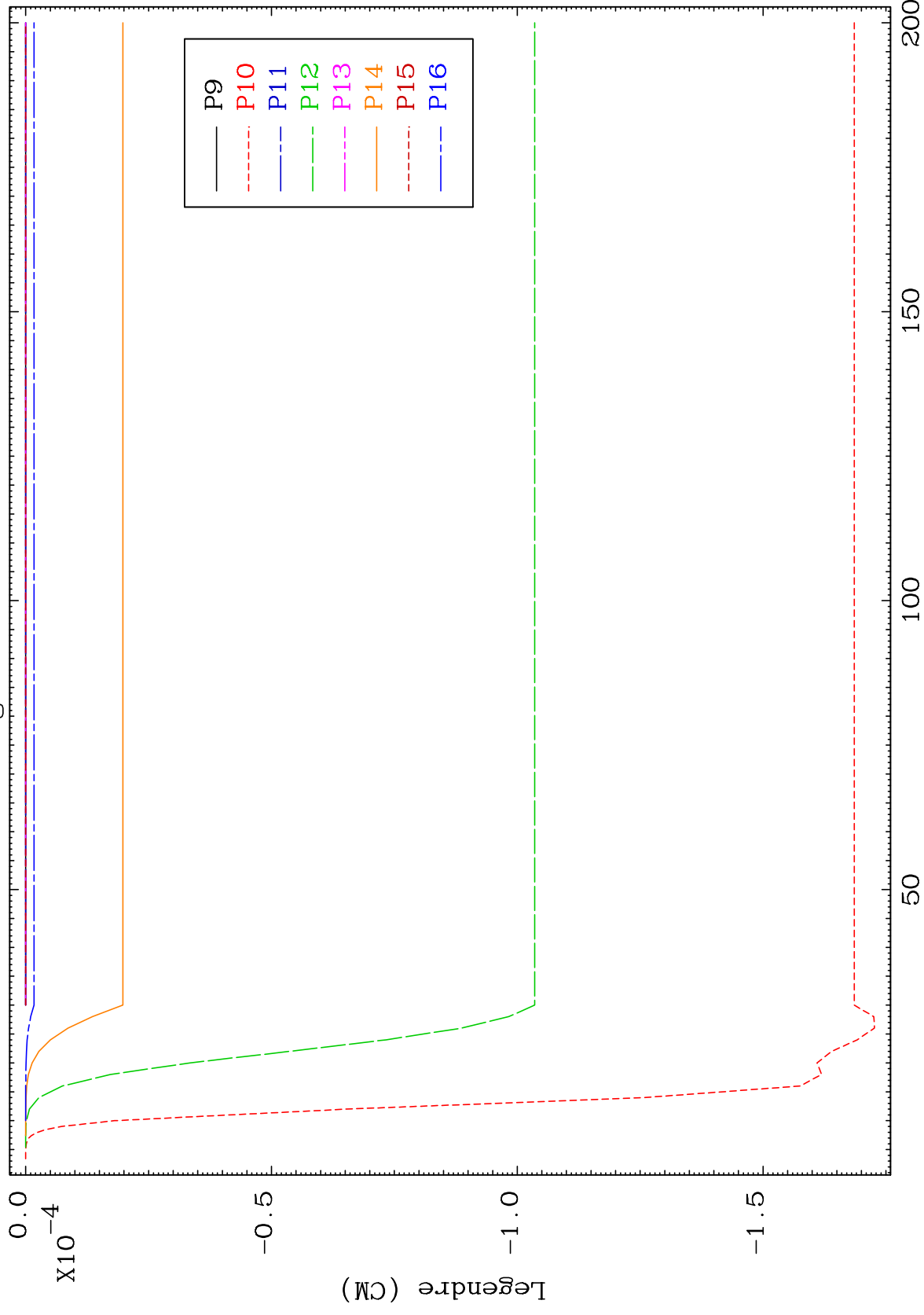
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 77 (n,n') Level  
Legendre Coefficients

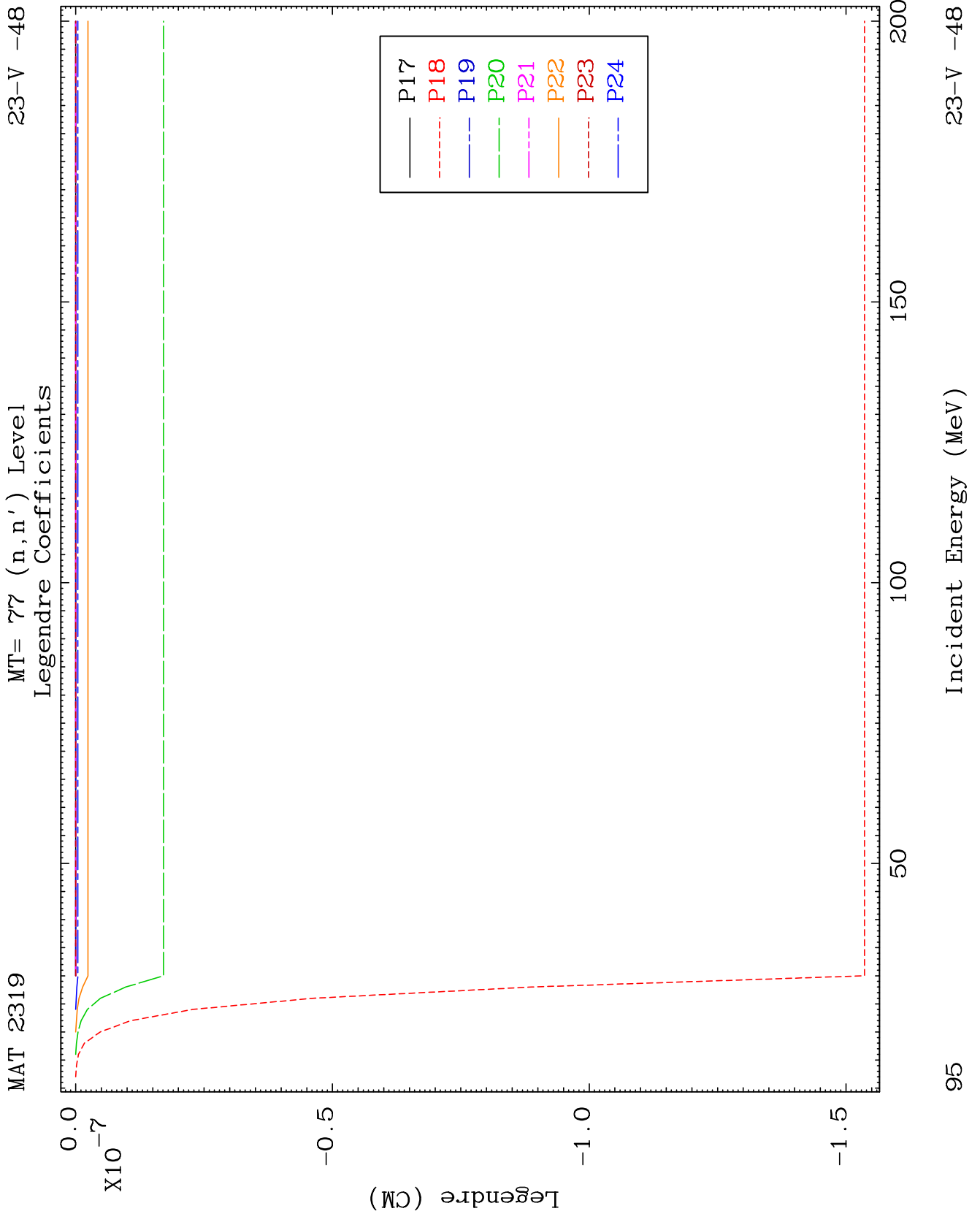
23-V -48



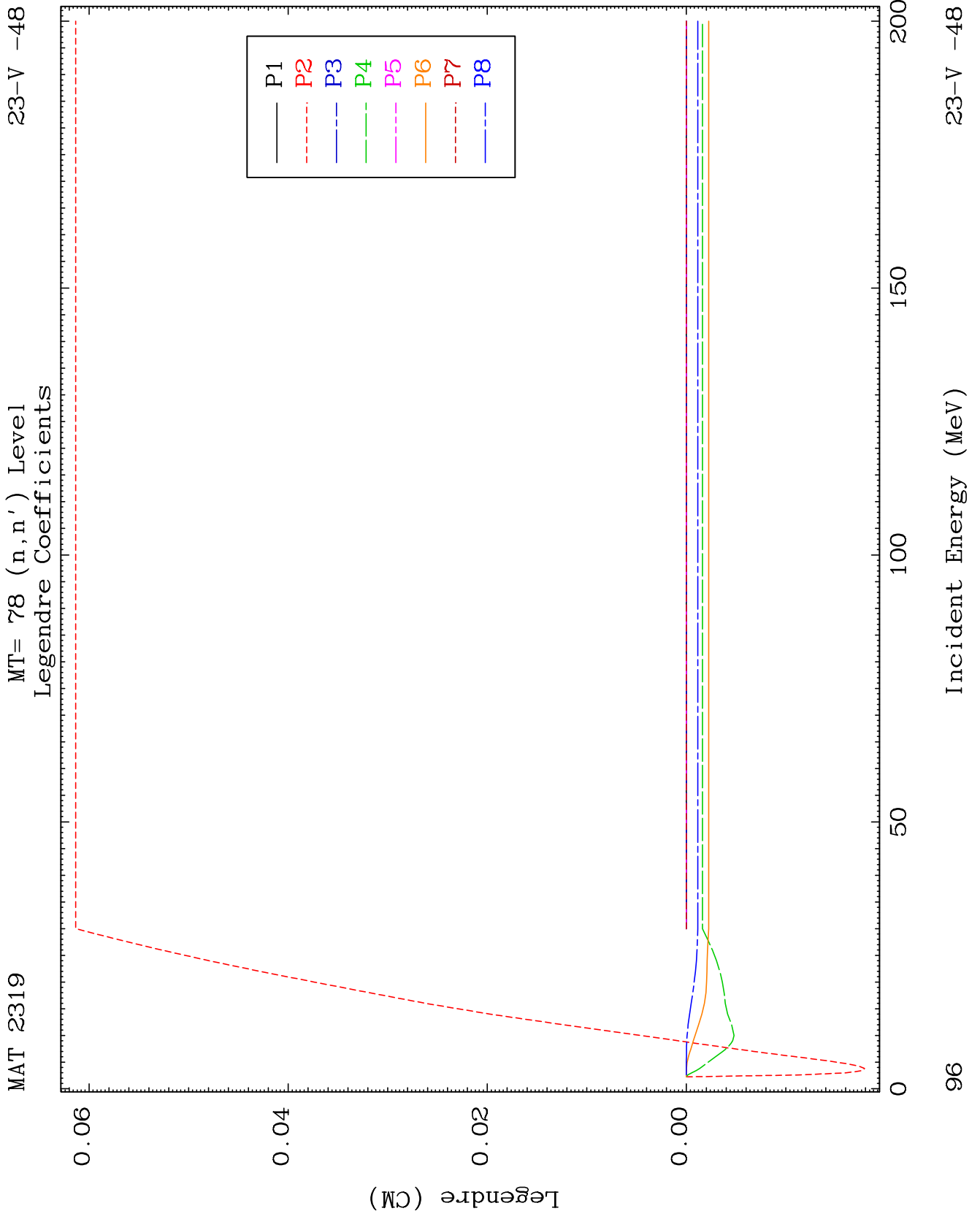
94

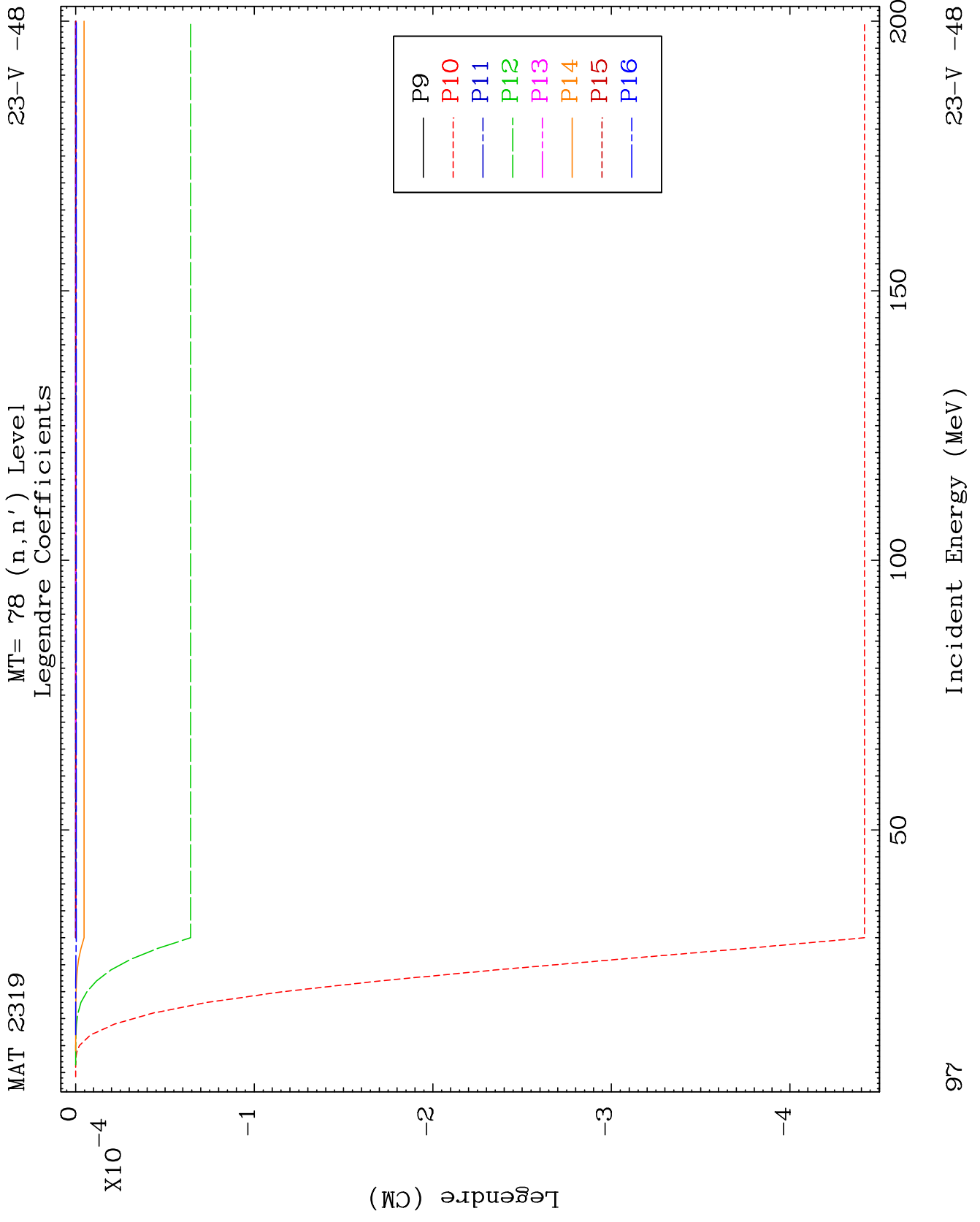
Incident Energy (MeV)

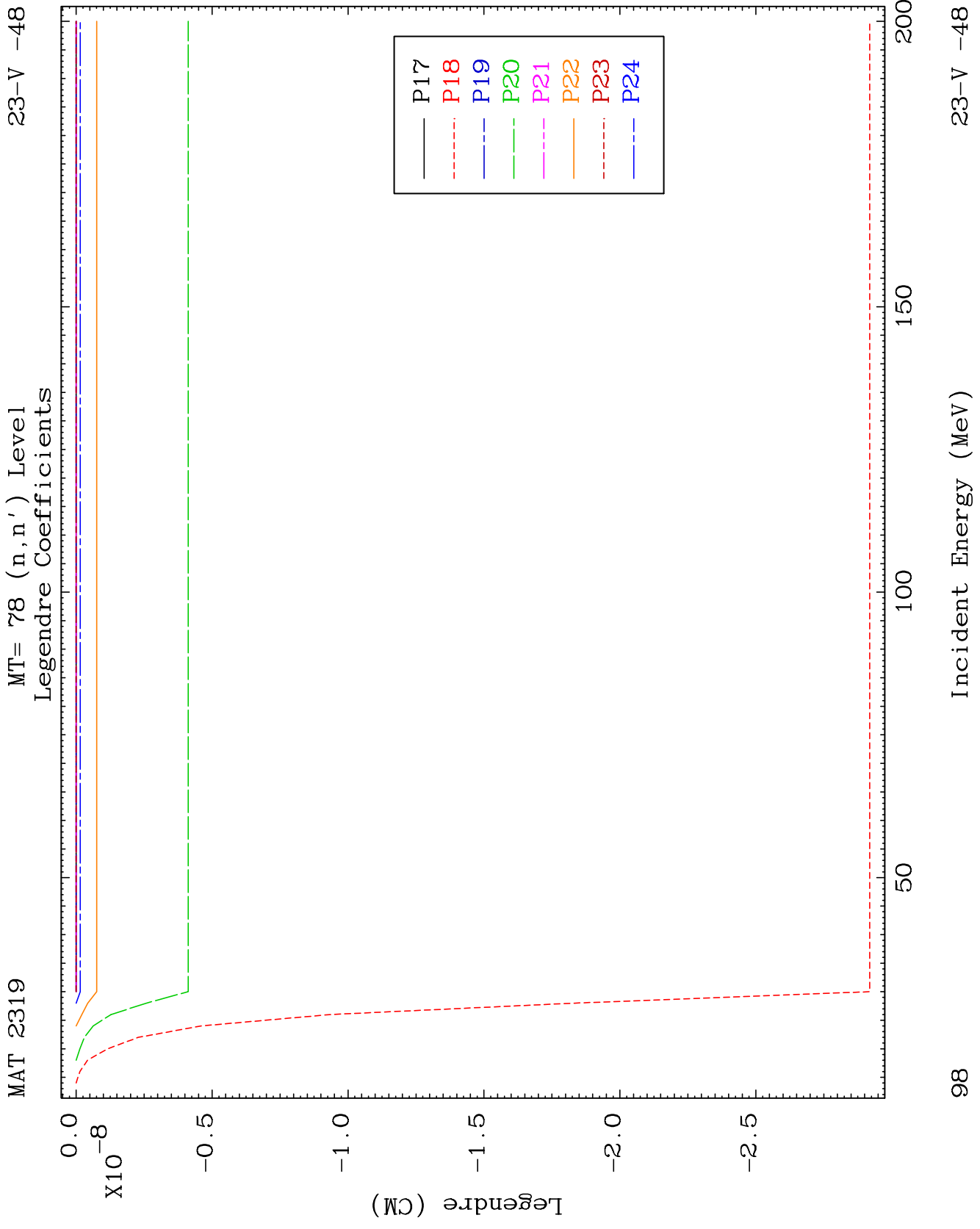
23-V -48







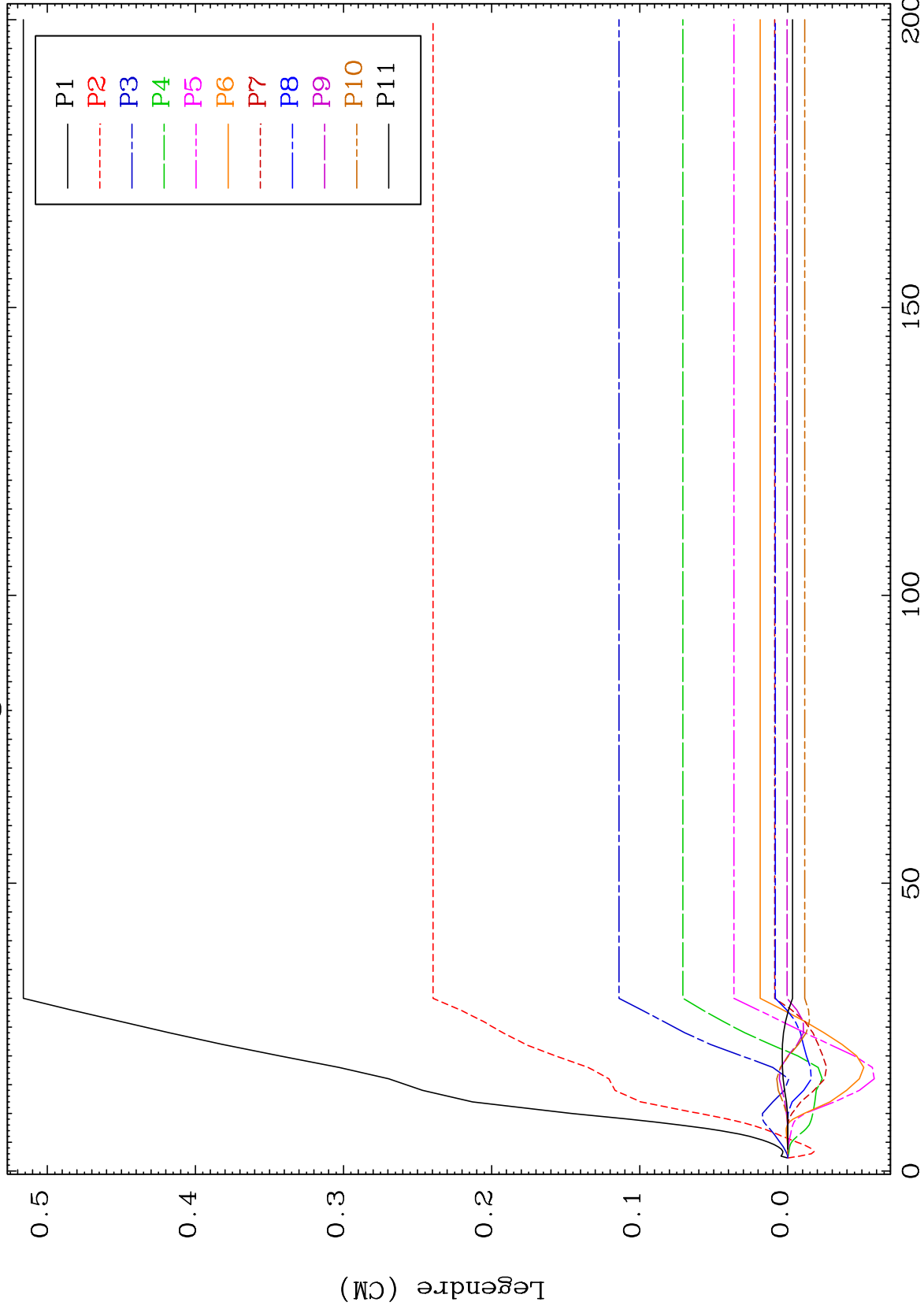




MAT 2319

MT= 79 (n,n') Level  
Legendre Coefficients

23-V -48



99

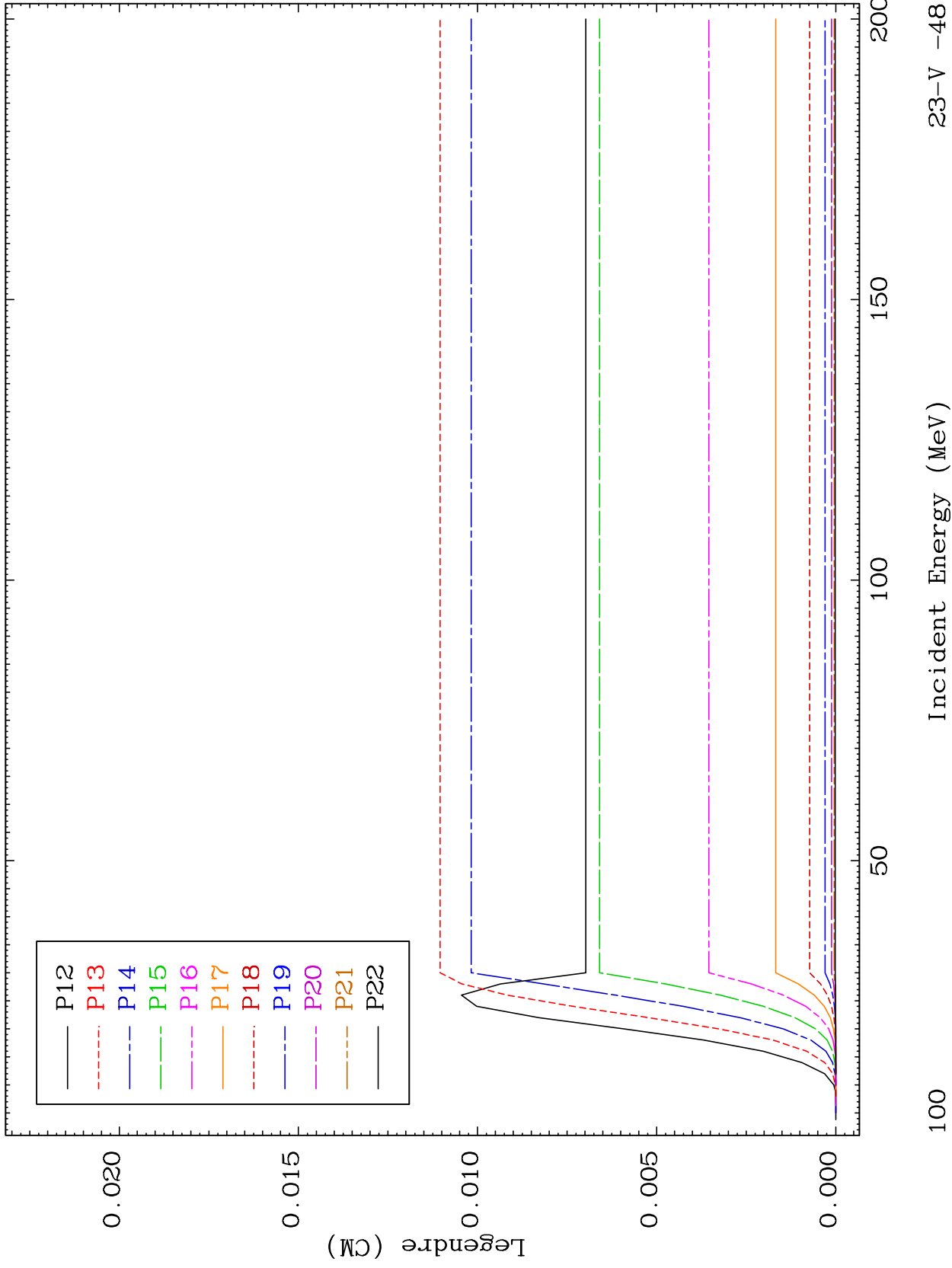
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 79 (n,n') Level  
Legendre Coefficients

23-V -48



100

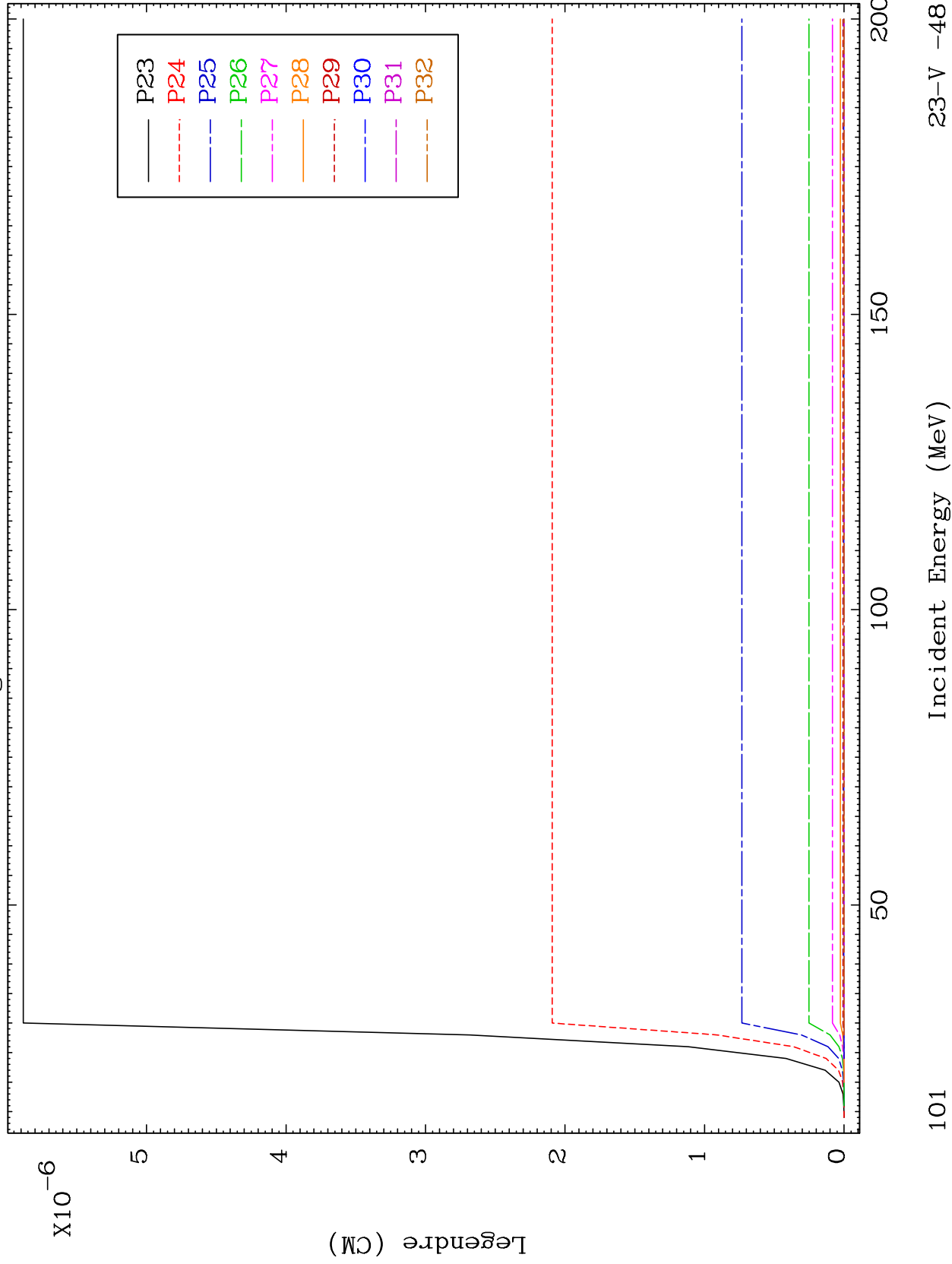
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 79 (n,n') Level  
Legendre Coefficients

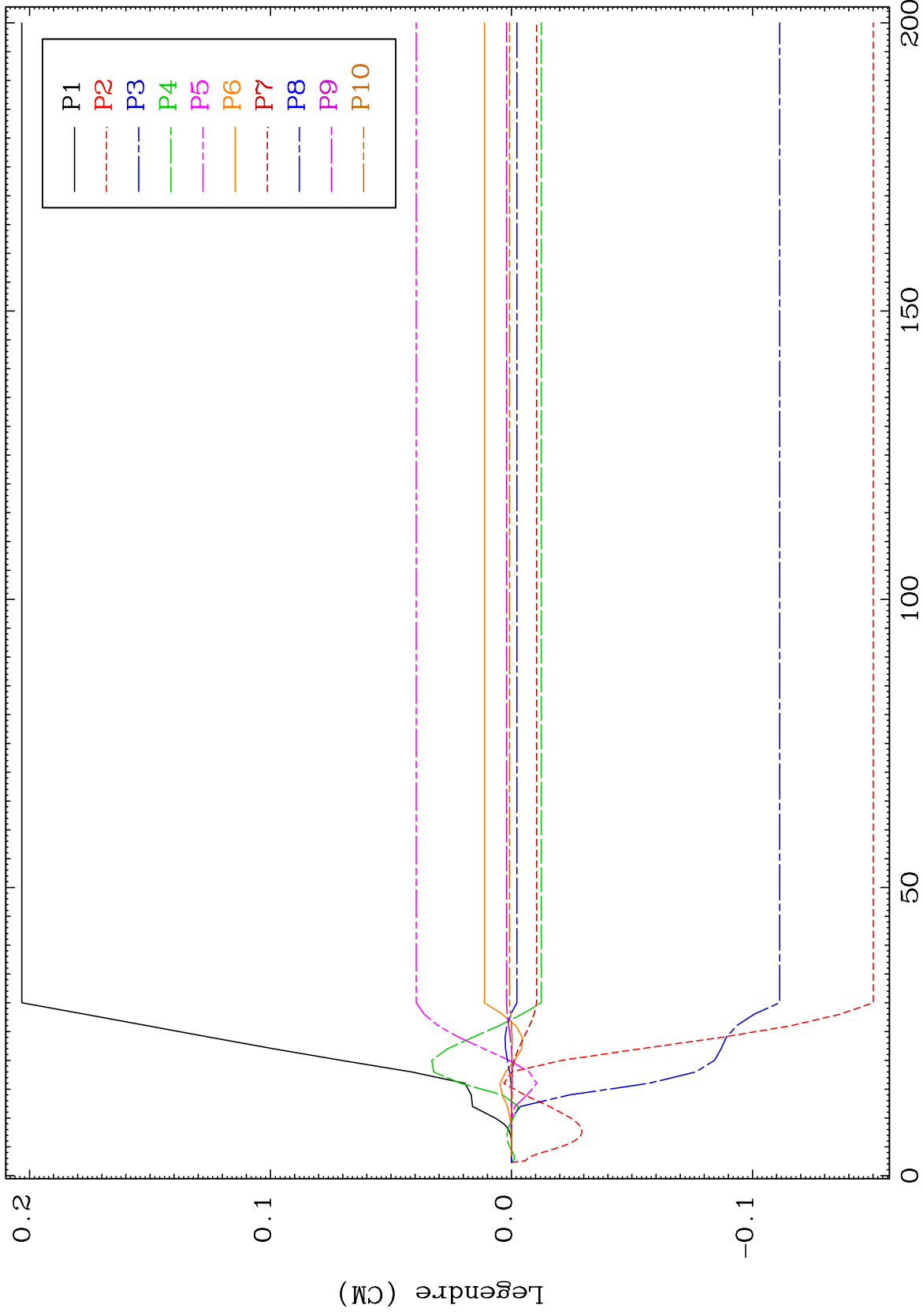
23-V -48



MAT 2319

MT= 80 (n,n') Level  
Legendre Coefficients

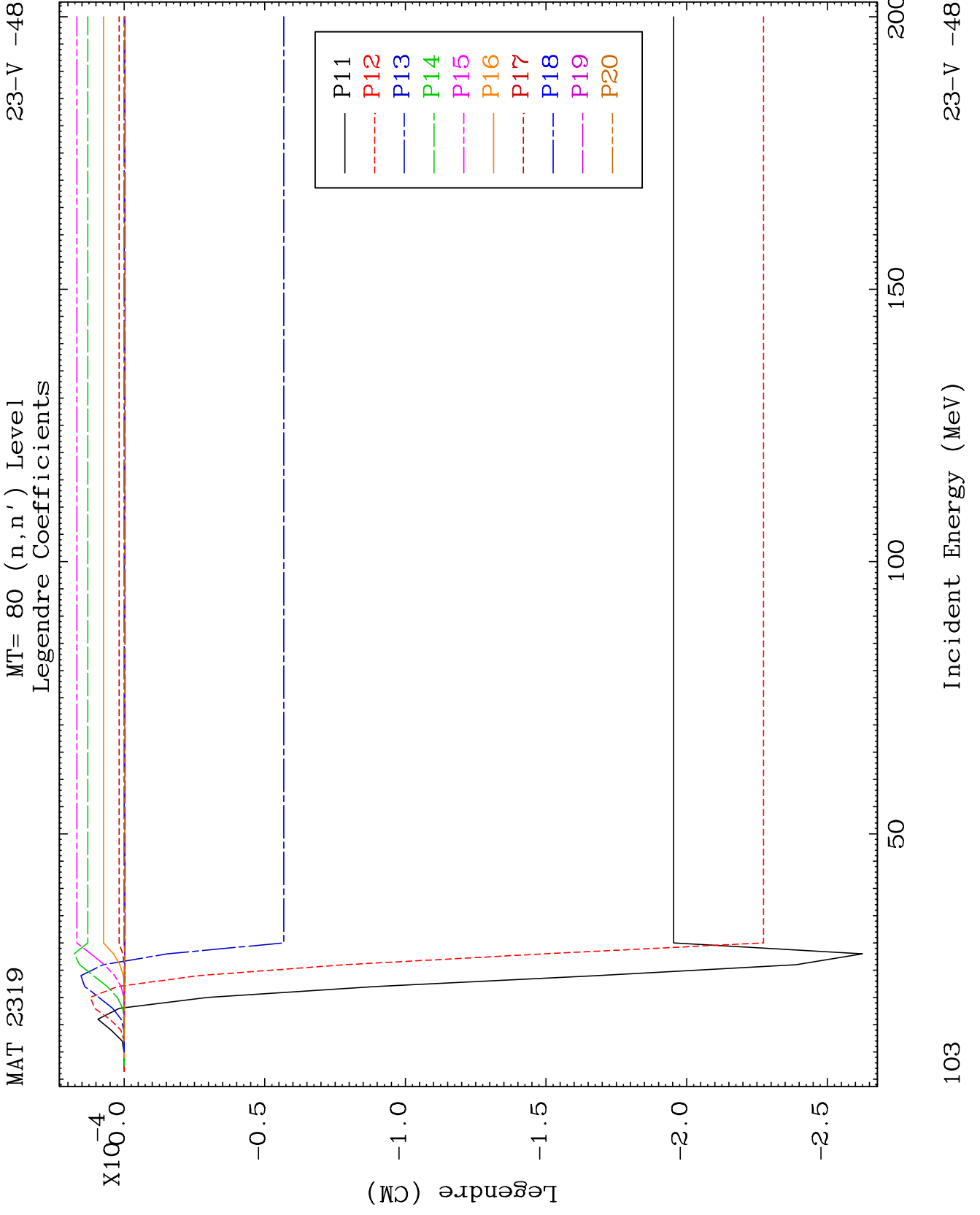
23-V -48



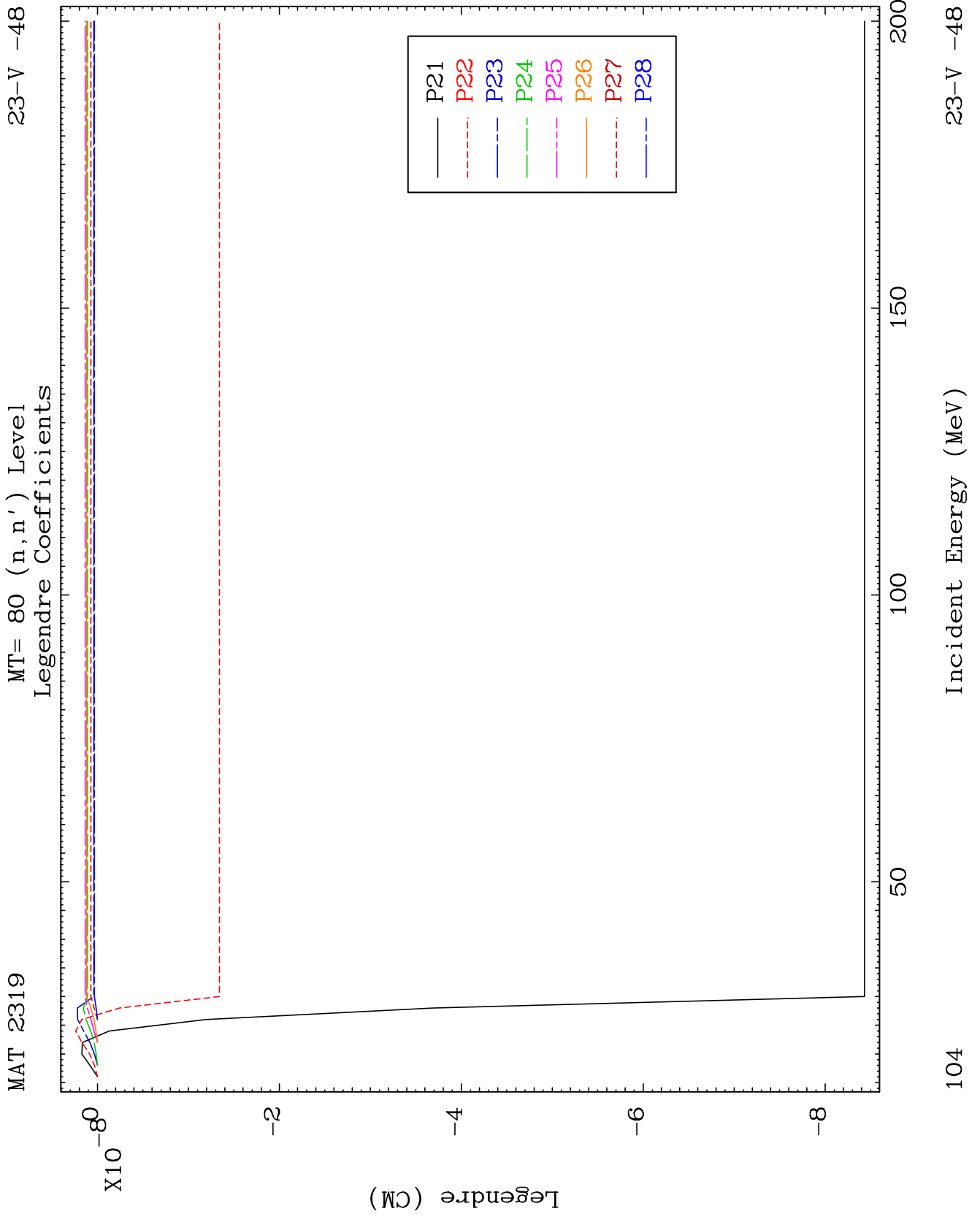
102

Incident Energy (MeV)

23-V -48





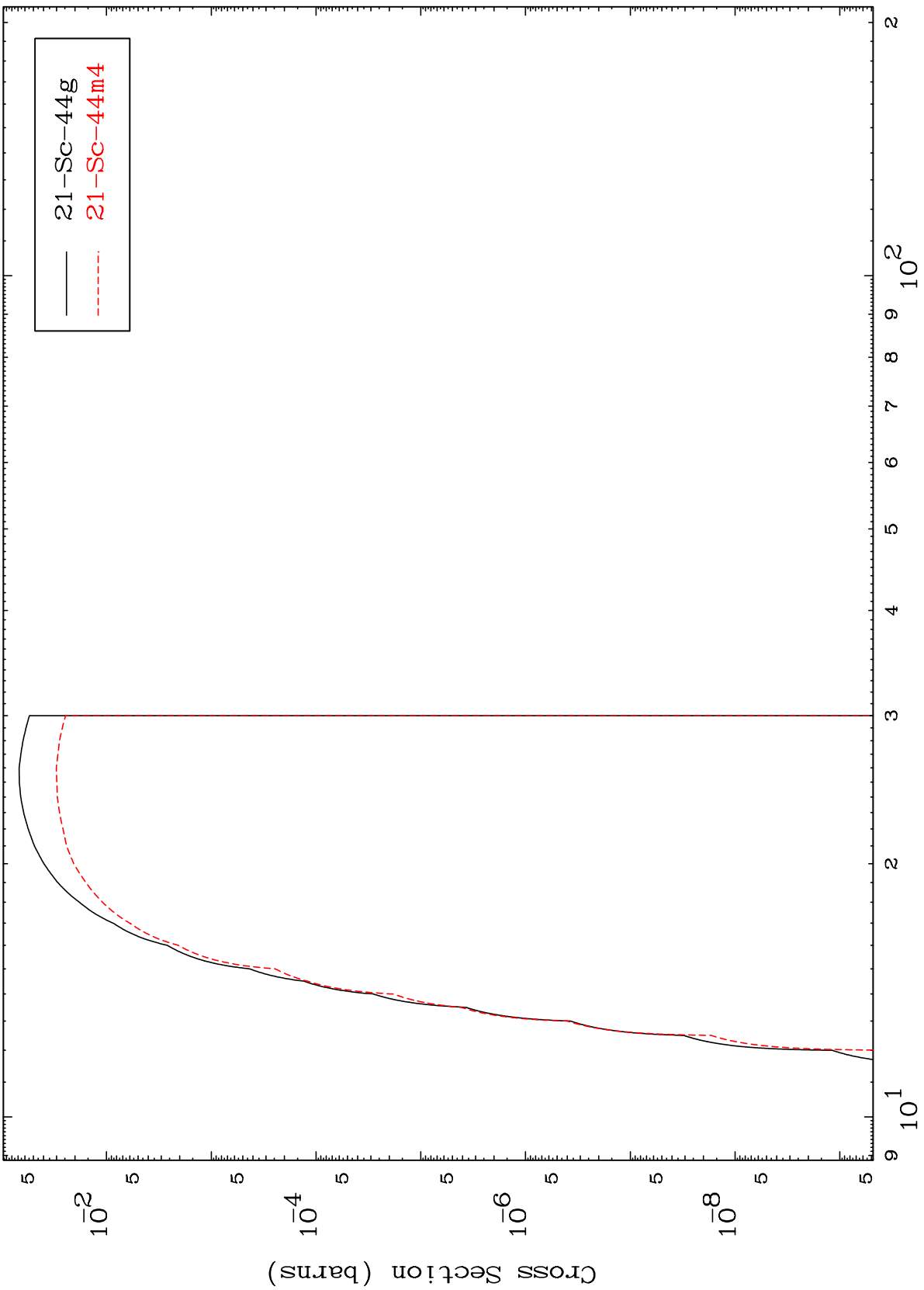


MAT 2319

(n,n')  $\alpha$

23-V -48

Radionuclide Production Cross Section

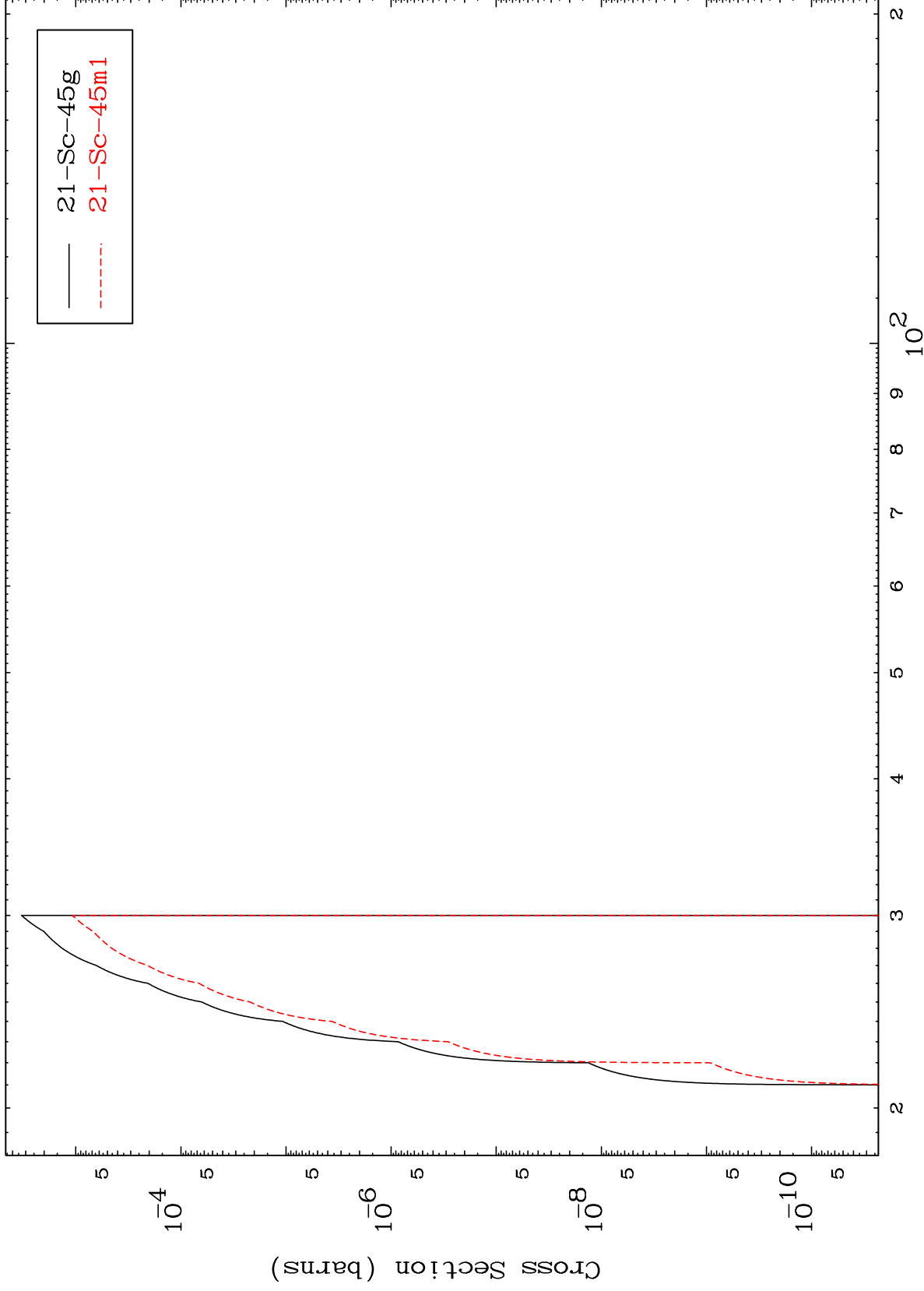


105

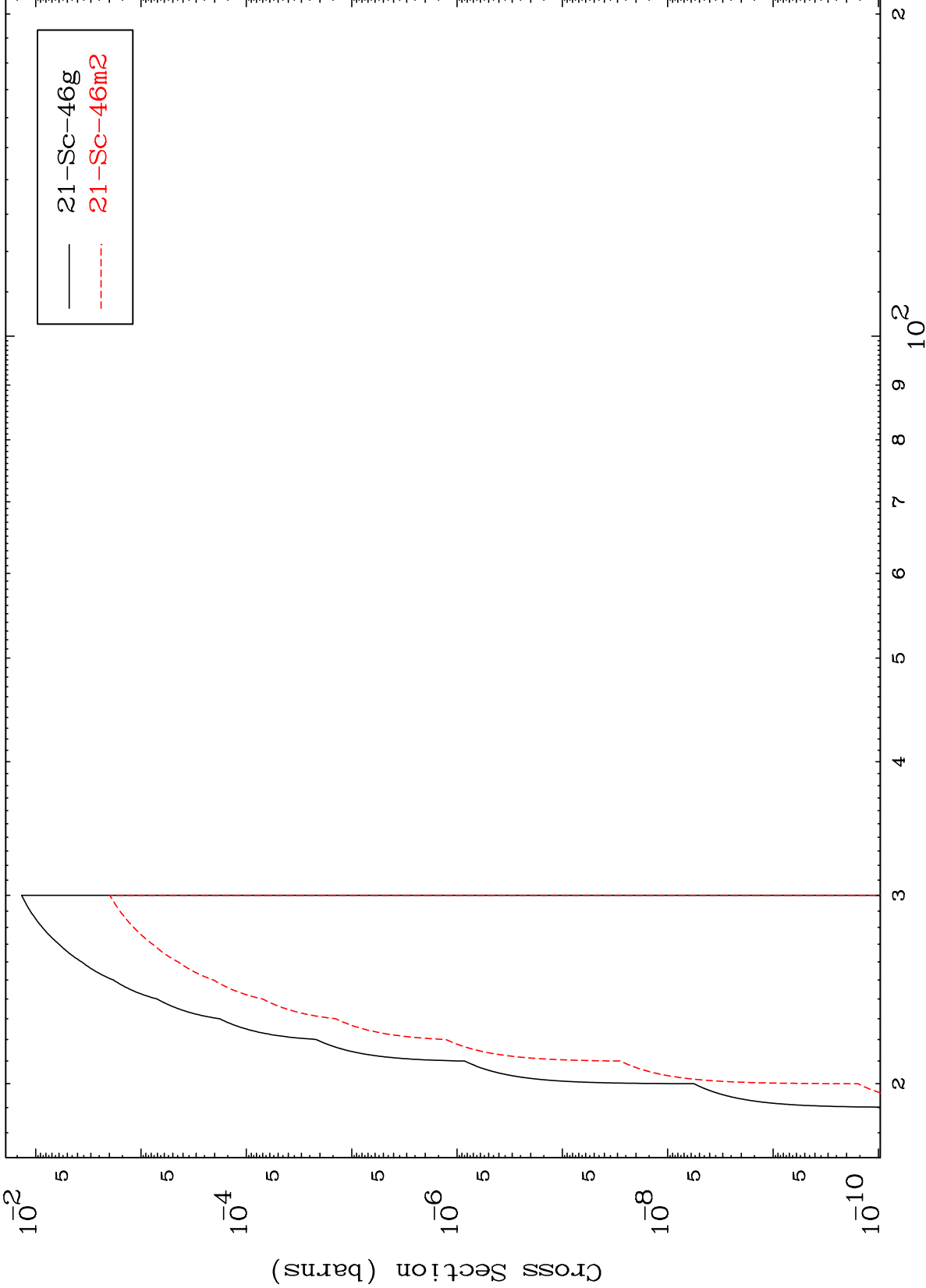
Incident Energy (MeV)

23-V -48

Radionuclide Production Cross Section



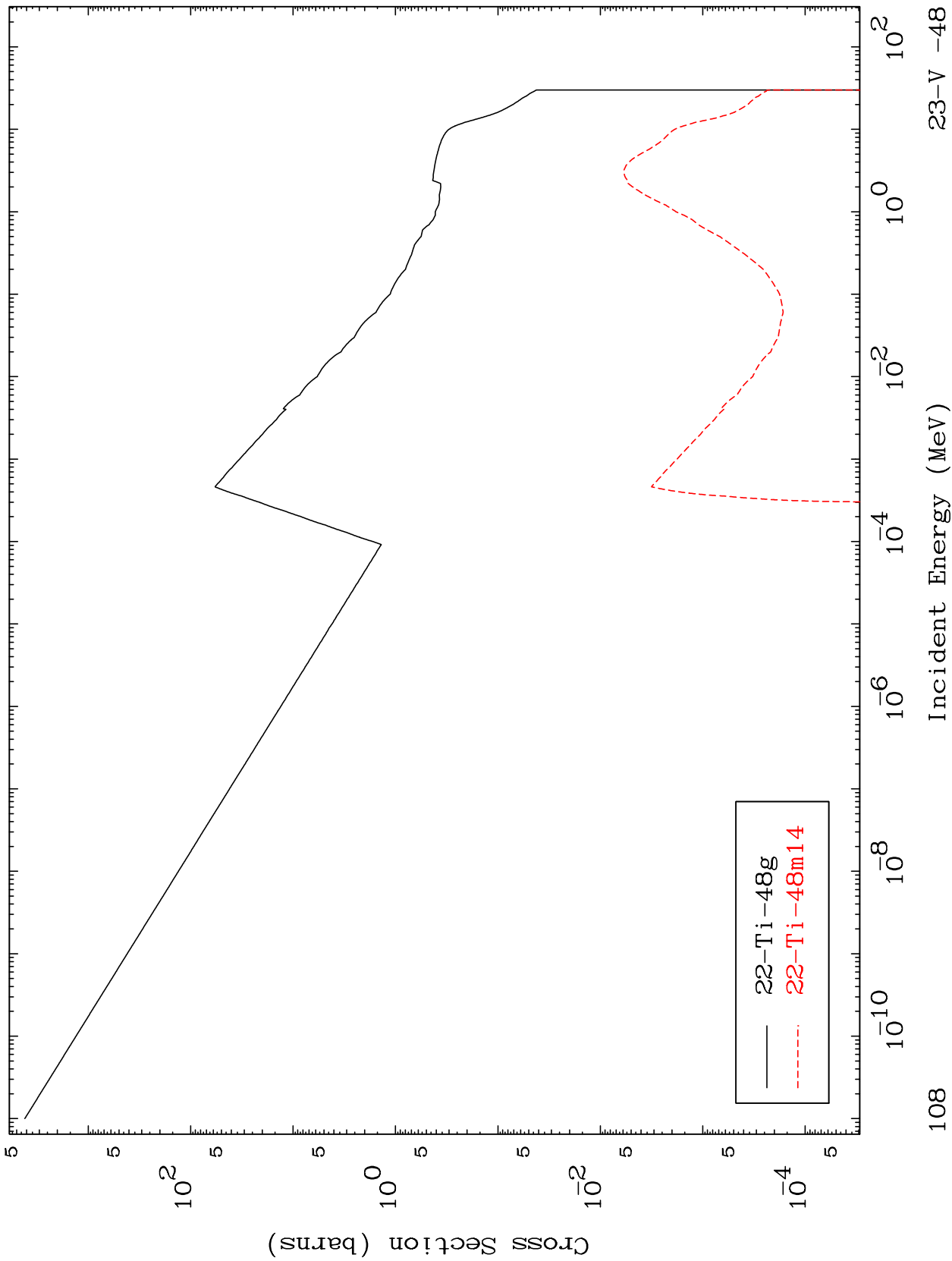
Radionuclide Production Cross Section



MAT 2319

23-V -48

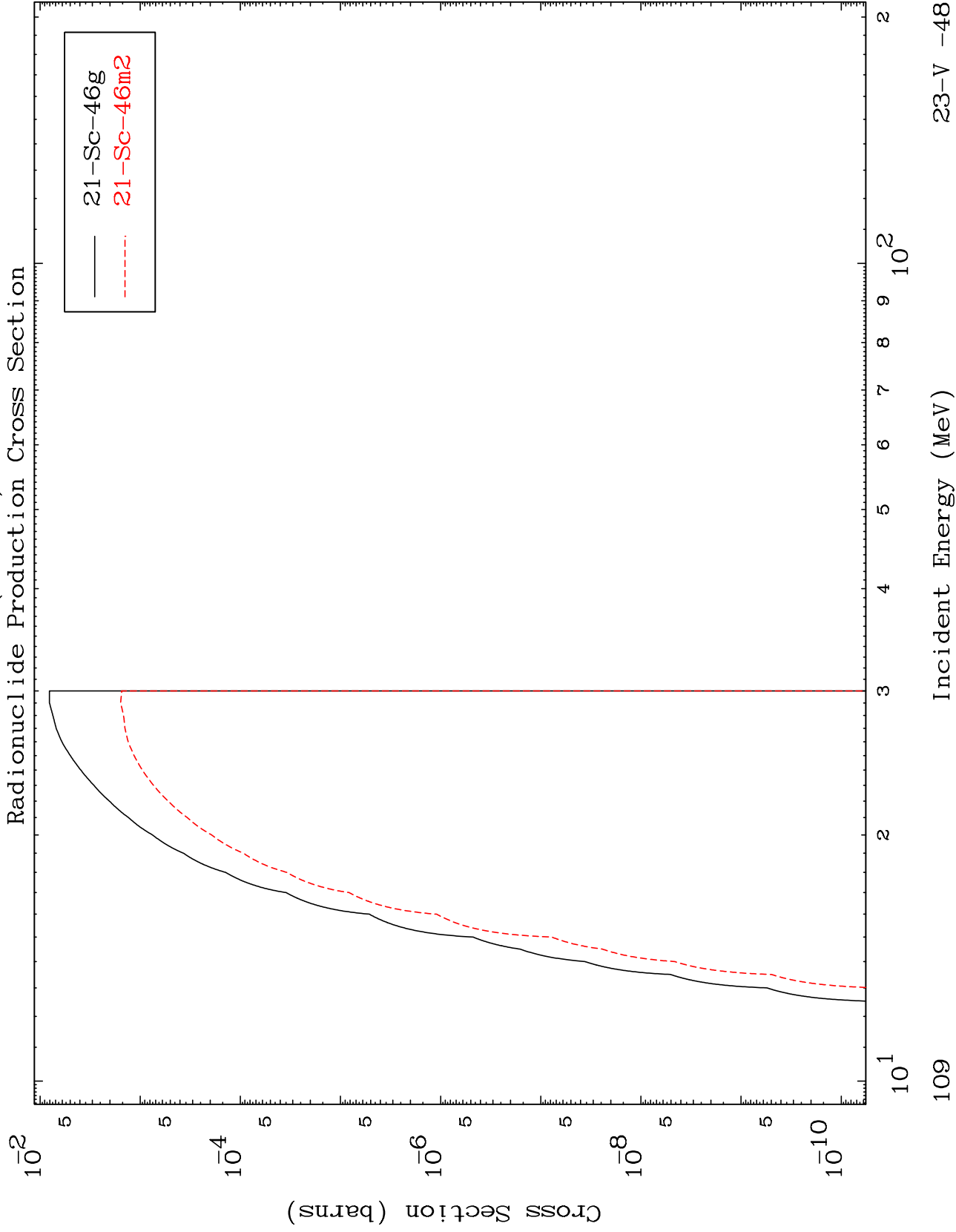
Radionuclide Production Cross Section (n,p)



MAT 2319

(n,He-3)

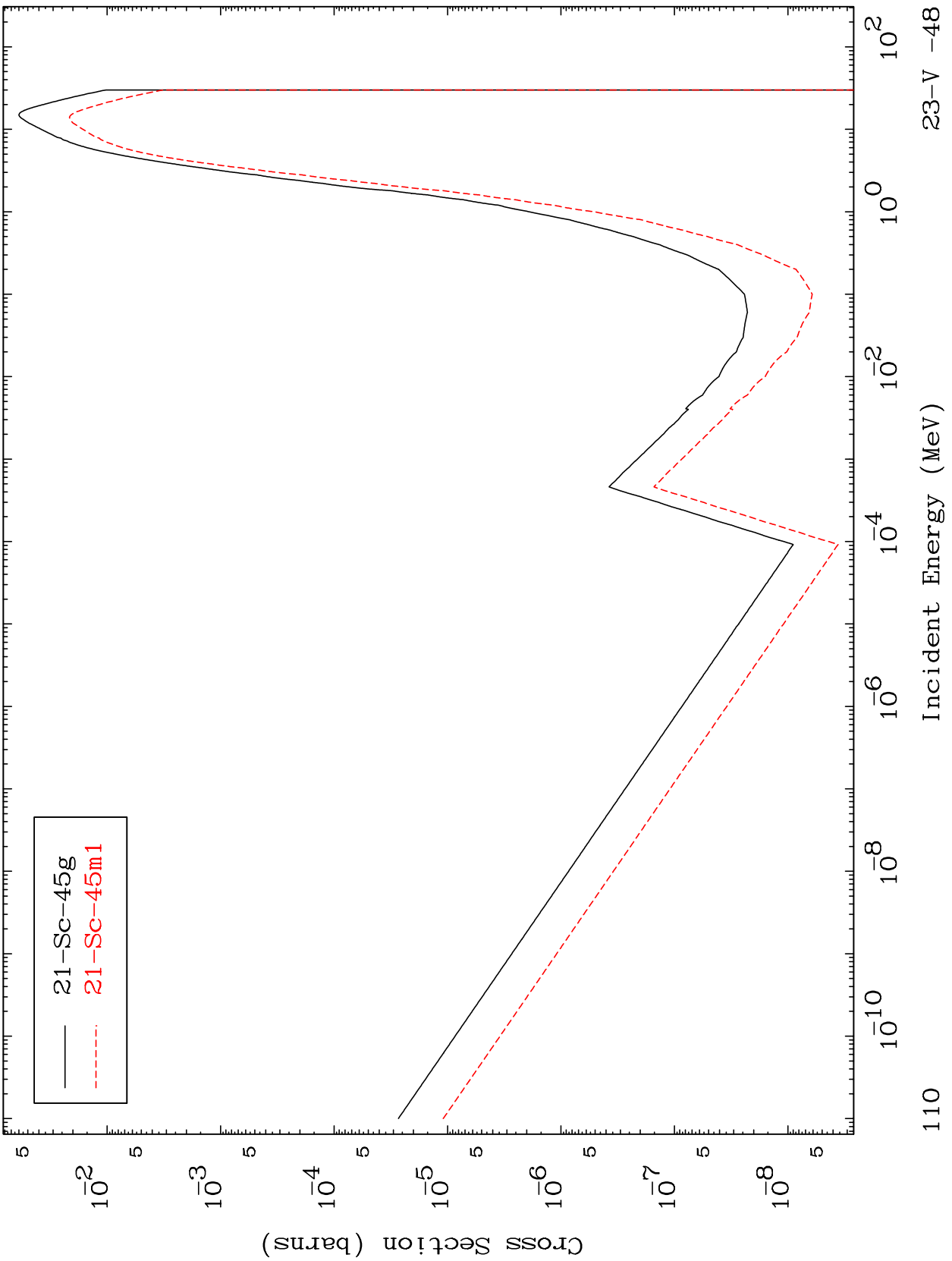
23-V -48



MAT 2319

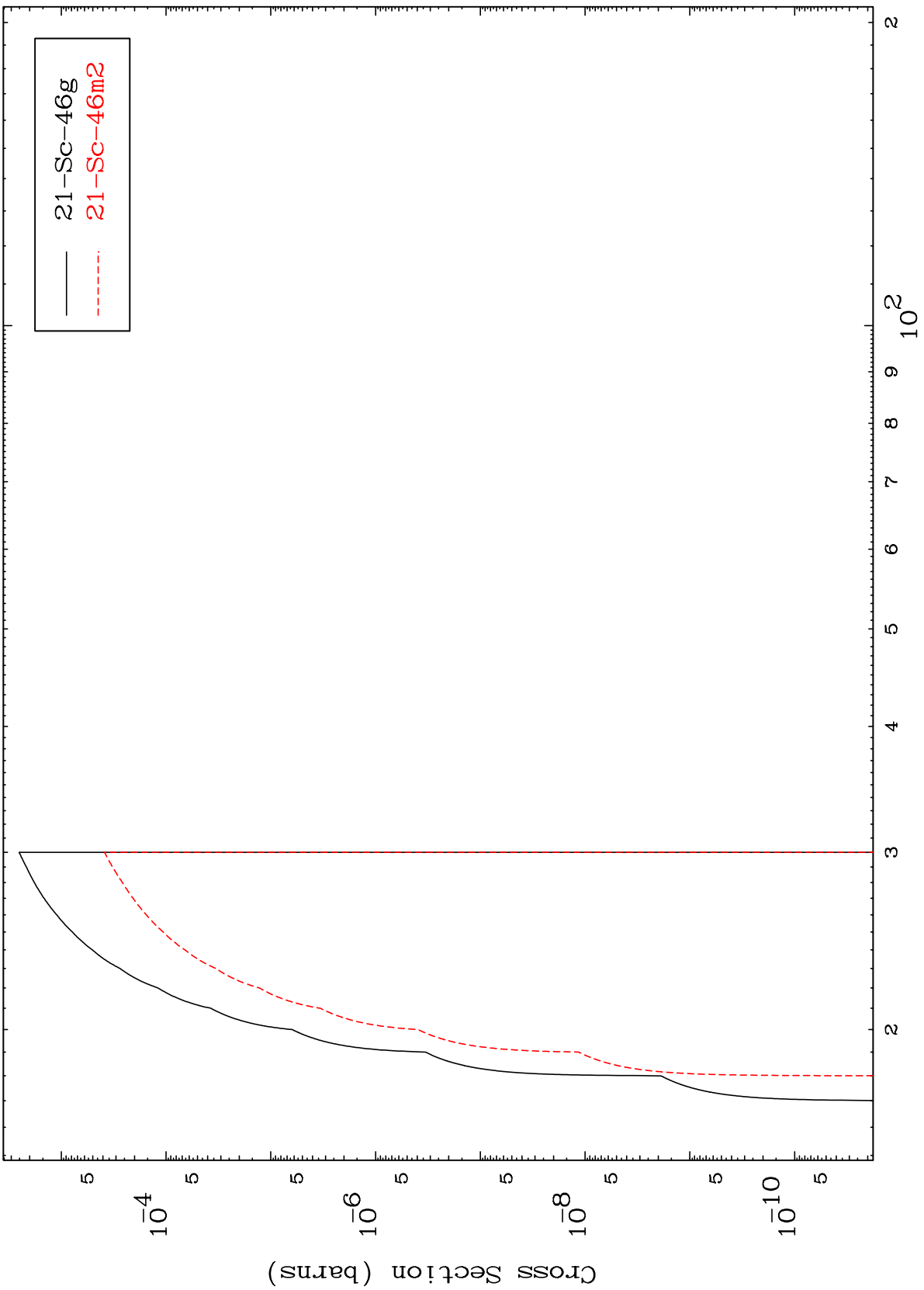
23-V -48

Radionuclide Production Cross Section (n,α)



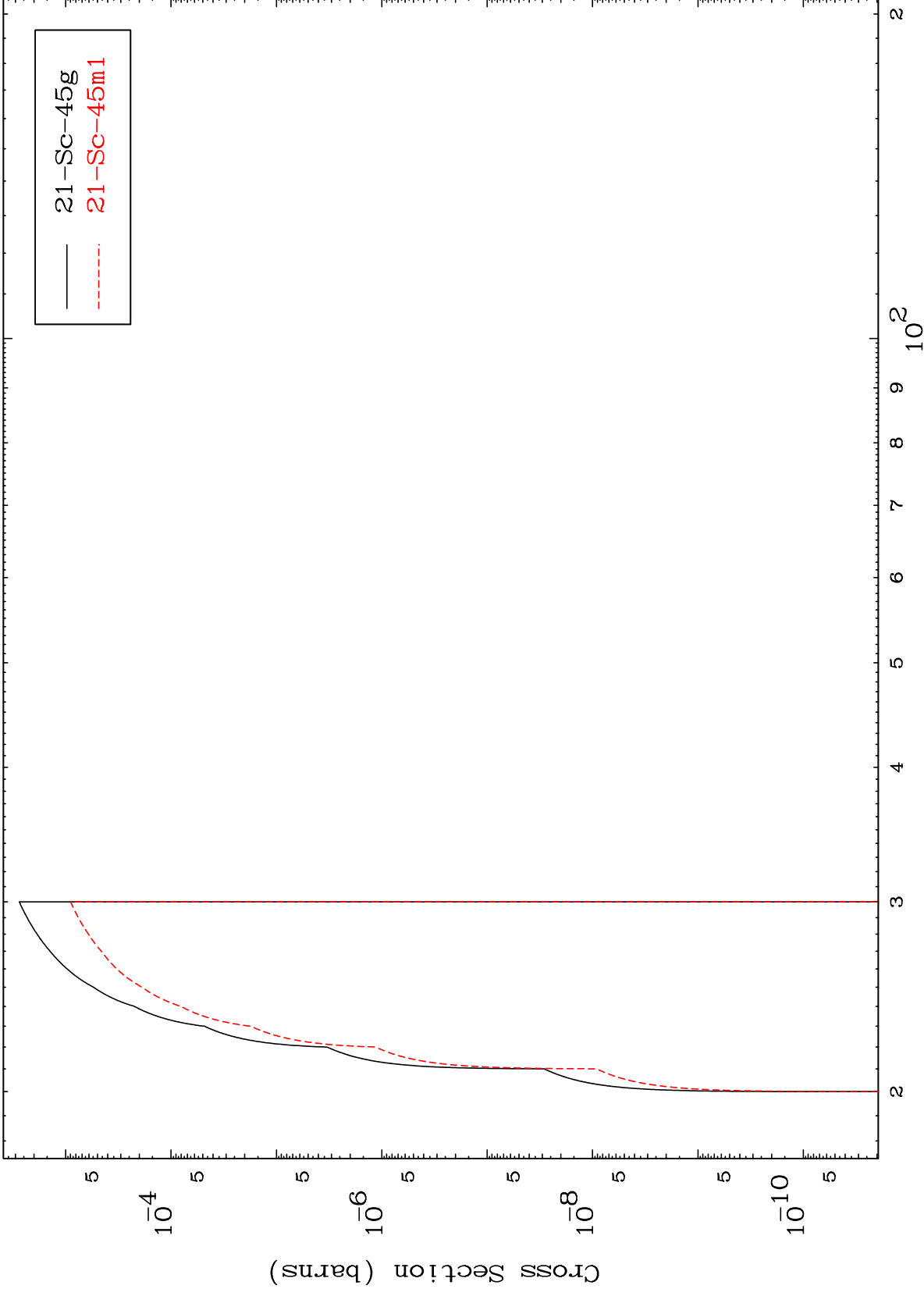
— 21-Sc-45g  
- - - 21-Sc-45m1

Radionuclide Production Cross Section





Radionuclide Production Cross Section



— 21-Sc-45g  
- - - 21-Sc-45m1